

# NOV. 2010 NIJ Special REPORT Test Results for Mobile Device Acquisition Tool: **Device Seizure 4.0**

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# Introduction

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

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

This document reports the results from testing Device Seizure, version 4.0, against the *Smart Phone Tool Test Assertions and Test Plan*, available at the CFTT Web site (www.cftt.nist.gov/mobile\_devices.htm).

Test results from other software packages and the CFTT tool methodology can be found on NIJ's computer forensics tool testing Web

page, http://www.ojp.usdoj.gov/nij/topics/technology/electronic-crime/cftt.htm.

# How to Read This Report

This report is divided into five sections. The first section is a summary of the results from the test runs. This section is sufficient for most readers to assess the suitability of the tool for the intended use. The remaining sections of the report describe how the tests were conducted and provide documentation of test case run details that support the report summary. Sections 2 and 3 provide justification for the selection of test cases and assertions 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 4 lists the hardware and software used to run the test cases. Section 5 contains a

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

#### **Test Results for Mobile Device Data Acquisition Tool**

Tool Tested:	Paraben Device Seizure
Version:	4.0
Run Environment:	Windows XP Service Pack 2
Supplier:	Paraben Corporation
Address:	PO Box 970483, Orem UT, 84097–0483
Tel:	801–796–0944
Fax:	801–796–0610
WWW:	http://www.paraben.com

# **1** Results Summary

Except for the following test cases: SPT–01 (Nokia 6790), SPT–03 (iPhone 3Gs, Blackberry Bold 9700, Blackberry 9630), SPT–04 (HTC Touch Pro 2), SPT–05 (Blackberry 9630, Palm pixi), SPT–06 (iPhone 3Gs, Blackberry Bold 9700, HTC Touch Pro 2, Blackberry 9630, Palm pixi), SPT–07 (iPhone 3Gs, Palm pixi), SPT–08 (HTC Touch Pro 2), SPT–09 (Blackberry Bold 9700, HTC Touch Pro 2, Blackberry 9630, Palm pixi), SPT–10 (Blackberry Bold 9700, HTC Touch Pro 2, Blackberry 9630, SPT–11 (iPhone 3Gs, Blackberry Bold 9700, Blackberry 9630, Palm pixi), SPT–12 (Blackberry 9630), SPT–24 (HTC Touch Pro 2), SPT–28 (iPhone 3Gs, Blackberry Bold 9700, Nokia 6790), SPT–31 (HTC Touch Pro 2), SPT–33 (Blackberry 9630) the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices (i.e., iPhone 3Gs, Blackberry Bold 9700, Nokia 6790, HTC Touch Pro 2, Blackberry 9630, Samsung Moment, Palm pixi). The exceptions were the following:

- Connectivity to the device was not successful. Test Case: SPT-01 (Nokia 6790)
- Notification of device acquisition disruption was not successful. Test Case: SPT– 03 (iPhone 3Gs, Blackberry Bold 9700, Blackberry 9630)
- Data acquired from the mobile device is not viewable in the preview-pane. Test Case: SPT-04 (HTC Touch Pro 2)
- Subscriber related data (MSISDN, IMEI) was not reported. Test Case: SPT-05 (Blackberry 9630, Palm pixi)
- Graphics files associated with address book entries were not reported. Test Case: SPT-06 (iPhone 3Gs, Blackberry Bold 9700, HTC Touch Pro 2, Blackberry 9630, Palm pixi)
- Duration of call (i.e., seconds, minutes, hours) not specified. Test Case: SPT-07 (iPhone 3Gs, Palm pixi)
- Text messages were not acquired. Test Case: SPT–08 (HTC Touch Pro 2)
- Acquisition of files associated with MMS messages (i.e., graphics, audio, video) were not reported. Test Case: SPT-09 (Blackberry Bold 9700, Blackberry 9630)
- MMS Messages were not acquired. Test Case: SPT-09 (HTC Touch Pro 2, Palm pixi)

- Acquisitions of stand-alone files (i.e., graphics, audio, video) were not acquired. Test Case: SPT-10 (Blackberry Bold 9700, HTC Touch Pro 2, Blackberry 9630)
- Acquisition of application related data was not successful. Test Case: SPT-11 (iPhone 3Gs, Blackberry Bold 9700, Blackberry 9630, Palm pixi)
- Acquisition of Internet related data was not successful. Test Case: SPT-12 (Blackberry 9630)
- Report generation ended in errors. Test Case: SPT-24 (HTC Touch Pro 2)
- Acquisition of a password–protected SIM was not successful. Test Case: SPT–28 (iPhone 3Gs, Blackberry Bold 9700, Nokia 6790)
- Physical acquisition was not successful; data was not decoded. Test Case: SPT-31 (HTC Touch Pro 2)
- Address book entries containing Non–ASCII characters were not acquired. Text messages containing Non–ASCII characters were not reported in their native format (messages were reported as: '????'). Test Case: SPT–33 (Blackberry 9630)

# 2 Test Case Selection

Test cases used to test mobile device acquisition tools are defined in *Smart Phone Tool Test Assertions and Test Plan Version 1.0.* To test a tool, test cases are selected from the *Test Plan* document based on the features offered by the tool. Not all test cases or test assertions are appropriate for all tools. There is a core set of 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–1f) list the test cases available in Device Seizure. Tables (2a–2f) list the test cases not available in Device Seizure.

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04,
	SPT-05, SPT-06, SPT-07, SPT-08,
	SPT-09, SPT-10, SPT-11, SPT-12,
	SPT-13
Acquire SIM memory over supported	SPT-14
interfaces (e.g., PC/SC reader).	
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt	SPT-16
connectivity by interface disengagement.	
Acquire SIM memory and review reported	SPT-17
subscriber and equipment related information	
(i.e., SPN, ICCID, IMSI, MSISDN).	
Acquire SIM memory and review reported	SPT-18
Abbreviated Dialing Numbers (ADN).	
Acquire SIM memory and review reported	SPT-19
Last Numbers Dialed (LND).	

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

Supported Test Cases	Cases Selected for Execution
Acquire SIM memory and review reported text	SPT-20
messages (SMS, EMS).	
Acquire SIM memory and review recoverable	SPT-21
deleted text messages (SMS, EMS).	
Acquire SIM memory and review reported	SPT-22
location related data (i.e., LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a	SPT-23
combination of supported data elements.	
Acquire mobile device internal memory and	SPT-24
review reported data via supported generated	
report formats.	
Acquire mobile device internal memory and	SPT-25
review reported data via the preview pane.	
Acquire SIM memory and review reported	SPT-26
data via supported generated report formats.	
Acquire SIM memory and review reported	SPT-27
data via the preview-pane.	
Attempt acquisition of a password–protected	SPT-28
SIM.	
After a successful mobile device internal	SPT-29
memory, alter the case file via third-party	
means and attempt to re-open the case.	
After a successful SIM acquisition, alter the	SPT-30
case file via third-party means and attempt to	
re-open the case.	
Acquire mobile device internal memory and	SPT-33
review data containing non–ASCII characters.	
Acquire SIM memory and review data	SPT-34
containing non–ASCII characters.	
Acquire mobile device internal memory and	SPT-38
review hash values for vendor supported data	
objects.	
Acquire SIM memory and review hash values	SPT-39
for vendor supported data objects.	
Acquire mobile device internal memory and	SPT-40
review data containing GPS longitude and	
latitude coordinates.	

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

Unsupported Test Cases	Cases omitted – not executed
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32

Unsupported Test Cases	Cases omitted – not executed
Begin acquisition on a PIN protected SIM to determine if the tool provides	SPT-35
an accurate count of the remaining number of PIN attempts and if the PIN	
attempts are decremented when entering an incorrect value.	
Begin acquisition on a SIM whose PIN attempts have been exhausted to	SPT-36
determine if the tool provides an accurate count of the remaining number	
of PUK attempts and if the PUK attempts are decremented when entering	
an incorrect value.	
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 Bold 9700)

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

Supported Test Cases	Cases Selected for Execution
Acquire SIM memory and review reported	SPT-27
data via the preview-pane.	
Attempt acquisition of a password–protected	SPT-28
SIM.	
After a successful mobile device internal	SPT-29
memory, alter the case file via third-party	
means and attempt to re-open the case.	
After a successful SIM acquisition, alter the	SPT-30
case file via third-party means and attempt to	
re–open the case.	
Acquire mobile device internal memory and	SPT-33
review data containing non-ASCII characters.	
Acquire SIM memory and review data	SPT-34
containing non-ASCII characters.	
Acquire mobile device internal memory and	SPT-38
review hash values for vendor supported data	
objects.	
Acquire SIM memory and review hash values	SPT-39
for vendor supported data objects.	

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

Unsupported Test Cases	Cases omitted – not executed
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Perform a stand–alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

Supported Test Cases	Cases Selected for
	Execution
Base Cases	SPT-01
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14

Supported Test Cases	Cases Selected for Execution
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password–protected SIM.	SPT-28
After a successful SIM acquisition, alter the case file via third–party means and attempt to re–open the case.	SPT-30
Acquire SIM memory and review data containing non–ASCII characters.	SPT-34
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39

#### Table 2c: Omitted Test Cases (Nokia 6790)

Unsupported Test Cases	Cases omitted – not executed
Attempt internal memory acquisition of a non-supported mobile device.	SPT-02
Begin mobile device internal memory acquisition and interrupt	SPT-03
connectivity by interface disengagement.	
Acquire mobile device internal memory and review reported data via the preview–pane or generated reports for readability.	SPT-04
Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	SPT-05
Acquire mobile device internal memory and review reported PIM related data.	SPT-06
Acquire mobile device internal memory and review reported call logs.	SPT-07
Acquire mobile device internal memory and review reported text messages.	SPT-08

Unsupported Test Cases	Cases omitted – not
	executed
Acquire mobile device internal memory and review reported MMS multi-	SPT-09
media related data (i.e., text, audio, graphics, video).	
Acquire mobile device internal memory and review reported stand-alone	SPT-10
multi-media data (i.e., audio, graphics, video).	
Acquire mobile device internal memory and review application related	SPT-11
data (i.e., word documents, spreadsheet, presentation documents).	
Acquire mobile device internal memory and review Internet related data	SPT-12
(i.e., bookmarks, visited sites.	
Acquire mobile device internal memory by selecting a combination of	SPT-13
supported data elements.	
Acquire 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 the	SPT-25
preview pane.	
After a successful mobile device internal memory, alter the case file via	SPT-29
third-party means and attempt to re-open the case.	
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted	SPT-32
data.	
Acquire mobile device internal memory and review data containing non-	SPT-33
ASCII characters.	
Begin acquisition on a PIN protected SIM to determine if the tool provides	SPT-35
an accurate count of the remaining number of PIN attempts and if the PIN	
attempts are decremented when entering an incorrect value.	
Begin acquisition on a SIM whose PIN attempts have been exhausted to	SPT-36
determine if the tool provides an accurate count of the remaining number	
of PUK attempts and if the PUK attempts are decremented when entering	
an incorrect value.	
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 hash values for vendor	SPT-38
supported data objects.	
Acquire mobile device internal memory and review data containing GPS	SPT-40
longitude and latitude coordinates.	

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

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-11, SPT-12,
	SPT-13
Acquire mobile device internal memory and	SPT-24
review reported data via supported generated	

Supported Optional Feature	Cases Selected for Execution
report formats.	
Acquire mobile device internal memory and	SPT-25
review reported data via the preview pane.	
After a successful mobile device internal	SPT-29
memory, alter the case file via third-party	
means and attempt to re-open the case.	
Perform a physical acquisition and review	SPT-31
data output for readability.	
Acquire mobile device internal memory and	SPT-33
review data containing non-ASCII	
characters.	
Acquire mobile device internal memory and	SPT-38
review hash values for vendor supported	
data objects.	

#### Table 2d: Omitted Test Cases (HTC Touch Pro 2)

Unsupported Test Cases	Cases omitted – not executed
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface	SPT-16
disengagement.	
Acquire SIM memory and review reported subscriber and equipment	SPT-17
related information (i.e., SPN, ICCID, IMSI, MSISDN).	
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password–protected SIM.	SPT-28
After a successful SIM acquisition, alter the case file via third–party means and attempt to re–open the case.	SPT-30
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire SIM memory and review data containing non–ASCII characters.	SPT-34

Unsupported Test Cases	Cases omitted – not executed
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 1e: Selected Test Cases (Blackberry 9630)

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

#### Table 2e: Omitted Test Cases (Blackberry 9630)

Unsupported Test Cases	Cases omitted – not executed
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface	SPT-16

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

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04,
	SPT-05, SPT-06, SPT-07, SPT-08,
	SPT-09, SPT-10, SPT-11, SPT-12,
	SPT-13

Acquire mobile device internal memory and review reported data via supported generated	SPT-24
report formats.	
Acquire mobile device internal memory and	SPT-25
review reported data via the preview pane.	
After a successful mobile device internal	SPT-29
memory, alter the case file via third-party	
means and attempt to re-open the case.	
Acquire mobile device internal memory and	SPT-33
review data containing non-ASCII	
characters.	
Acquire mobile device internal memory and	SPT-38
review hash values for vendor supported	
data objects.	

#### Table 2f: Omitted Test Cases (Palm pixi)

Unsupported Test Cases	Cases omitted – not
	executed
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password–protected SIM.	SPT-28
After a successful SIM acquisition, alter the case file via third–party means and attempt to re–open the case.	SPT-30
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire SIM memory and review data containing non–ASCII characters.	SPT-34

Unsupported Test Cases	Cases omitted – not executed
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Perform a stand–alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

# 3 Results by Test Assertion

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

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

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity	1	
of the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT-CA-02 If a cellular forensic tool attempts to connect to a non-	1	
supported device then the tool shall notify the user that the device is not supported.		
SPT–CA–03 If connectivity between the mobile device and cellular	1	3.2
forensic tool is disrupted then the tool shall notify the user that		
connectivity has been disrupted.		
SPT–CA–04 If a cellular forensic tool completes acquisition of the	2	
target device without error then the tool shall have the ability to present		
acquired data objects in a useable format via either a preview-pane or		
generated report.		
SPT–CA–05 If a cellular forensic tool completes acquisition of the	1	
target device without error then subscriber–related information shall be		
presented in a useable format.		
SPT–CA–06 If a cellular forensic tool completes acquisition of the	1	
target device without error then equipment related information shall be		
presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT–CA–07 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries shall be presented		
in a useable format.		
SPT–CA–08 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length address book entries		
shall be presented in a useable format.		
SPT–CA–09 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing special		
characters shall be presented in a useable format.		
SPT–CA–10 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing blank		
names shall be presented in a useable format.		
SPT–CA–11 If a cellular forensic tool completes acquisition of the	1	
target device without error then email addresses associated with address		
book entries shall be presented in a useable format.		
SPT–CA–12 If a cellular forensic tool completes acquisition of the	1	3.5
target device without error then graphics associated with address book		
entries shall be presented in a useable format.		
SPT–CA–13 If a cellular forensic tool completes acquisition of the	1	
target device without error then datebook, calendar, note entries shall be		
presented in a useable format.		
SPT–CA–14 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length datebook, calendar,		
note entries shall be presented in a useable format.		
SPT–CA–15 If a cellular forensic tool completes acquisition of the	1	
target device without error then call logs (incoming/outgoing/missed)		
shall be presented in a useable format.		
SPT–CA–16 If a cellular forensic tool completes acquisition of the	1	3.6
target device without error then the corresponding date/time stamps and		
the duration of the call for call logs shall be presented in a useable		
format.		
SPT–CA–17 If a cellular forensic tool completes acquisition of the	1	
target device without error then ASCII text messages (i.e., SMS, EMS)		
shall be presented in a useable format.		
SPT–CA–18 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding date/time stamps for		
text messages shall be presented in a useable format.		
SPT–CA–19 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding status (i.e., read,		
unread) for text messages shall be presented in a useable format.		
SPT-CA-20 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding sender / recipient		
phone numbers for text messages shall be presented in a useable format.		
SPT–CA–21 If a cellular forensic tool completes acquisition of the	1	
target device without error then MMS messages and associated audio		

Assertions Tested	Tests	Anomaly
shall be presented in a useable format.		
SPT–CA–22 If a cellular forensic tool completes acquisition of the	1	
target device without error then MMS messages and associated graphic		
files shall be presented in a useable format.		
SPT–CA–23 If a cellular forensic tool completes acquisition of the	1	
target device without error then MMS messages and associated video		
shall be presented in a useable format.		
SPT–CA–24 If a cellular forensic tool completes acquisition of the	1	
target device without error then stand-alone audio files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT–CA–25 If a cellular forensic tool completes acquisition of the	1	
target device without error then stand-alone graphic files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT–CA–26 If a cellular forensic tool completes acquisition of the	1	
target device without error then stand-alone video files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT-CA-27 If a cellular forensic tool completes acquisition of the	1	3.10
target device without error then device specific application related data	-	0110
shall be acquired and presented in a useable format via either an internal		
application or suggested third–party application.		
SPT-CA-28 If a cellular forensic tool completes acquisition of the	1	
target device without error then Internet related data (i.e., bookmarks,	-	
visited sites) cached to the device shall be acquired and presented in a		
useable format.		
SPT–CA–29 If a cellular forensic tool provides the user with an	2	
"Acquire All" device data objects acquisition option then the tool shall	-	
complete the acquisition of all data objects without error.		
SPT-CA-32 If a cellular forensic tool completes two consecutive	1	
logical acquisitions of the target device without error then the payload	1	
(data objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity	2	
of the target SIM then the tool shall successfully recognize the target	2	
SIM via all tool–supported interfaces (e.g., PC/SC reader, proprietary		
reader, smart phone itself).		
SPT-AO-02 If a cellular forensic tool attempts to connect to a non-	1	
supported SIM then the tool shall notify the user that the SIM is not	1	
supported Shvi then the tool shall houry the user that the Shvi is not supported.		
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM	1	
reader then the tool shall notify the user that connectivity has been	1	
disrupted.		
SPT-AO-04 If a cellular forensic tool completes acquisition of the	1	
	1	
target SIM without error then the SPN shall be presented in a useable		

Assertions Tested	Tests	Anomaly
format.		
SPT–AO–05 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the ICCID shall be presented in a useable		
format.		
SPT–AO–06 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the IMSI shall be presented in a useable		
format.		
SPT–AO–07 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the MSISDN shall be presented in a		
useable format.		
SPT–AO–08 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII Abbreviated Dialing Numbers		
(ADN) shall be presented in a useable format.		
SPT–AO–09 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then maximum length ADNs shall be presented		
in a useable format.		
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM	1	
without error then ADNs containing special characters shall be	_	
presented in a useable format.		
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM	1	
without error then ADNs containing blank names shall be presented in a	-	
useable format.		
SPT-AO-12 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then Last Numbers Dialed (LND) shall be	1	
presented in a useable format.		
SPT-AO-13 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding date/time stamps for	-	
LNDs shall be presented in a useable format.		
SPT-AO-14 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII SMS text messages shall be	-	
presented in a useable format.		
SPT-AO-15 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII EMS text messages shall be	1	
presented in a useable format.		
SPT-AO-16 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding date/time stamps for all	1	
text messages shall be presented in a useable format.		
SPT-AO-17 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding status (i.e., read,	1	
unread) for text messages shall be presented in a useable format.		
SPT-AO-18 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding sender / recipient phone		
numbers for text messages shall be presented in a useable format.	1	
SPT-AO-19 If the cellular forensic tool completes acquisition of the	1	
target SIM without error then deleted text messages that have not been		

Assertions Tested	Tests	Anomaly
overwritten shall be presented in a useable format.		
SPT-AO-20 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then location related data (i.e., LOCI) shall be		
presented in a useable format.		
SPT–AO–21 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then location related data (i.e., GRPSLOCI)		
shall be presented in a useable format.		
SPT-AO-22 If a cellular forensic tool provides the user with an	1	
"Acquire All" SIM data objects acquisition option then the tool shall		
complete the acquisition of all data objects without error.		
SPT-AO-25 If a cellular forensic tool completes acquisition without	2	
error then the tool shall present the acquired data in a useable format via		
supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition without	2	
error then the tool shall present the acquired data in a useable format in		
a preview–pane view.		
SPT-AO-27 If the case file or individual data objects are modified via	2	
third-party means then the tool shall provide protection mechanisms		
disallowing or reporting data modification.		
SPT-AO-28 If the SIM is password-protected then the cellular forensic	1	3.13
tool shall provide the examiner with the opportunity to input the PIN		
before acquisition.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII	2	
characters then the application should present ADNs in their native		
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-	2	
ASCII characters then the application should present text messages in		
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual	2	
data objects then the tool shall present the user with a hash value for		
each supported data object.		
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS	1	
data then the tool shall present the user with the longitude and latitude		
coordinates for all GPS-related data in a useable format.		

#### Table 3b: Assertions Tested: (Blackberry Bold 9700)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity	1	
of the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT–CA–02 If a cellular forensic tool attempts to connect to a non–	1	
supported device then the tool shall notify the user that the device is not		
supported.		
SPT–CA–03 If connectivity between the mobile device and cellular	1	3.2
forensic tool is disrupted then the tool shall notify the user that		

Assertions Tested	Tests	Anomaly
connectivity has been disrupted.		
SPT–CA–04 If a cellular forensic tool completes acquisition of the	2	
target device without error then the tool shall have the ability to present		
acquired data objects in a useable format via either a preview-pane or		
generated report.		
SPT–CA–05 If a cellular forensic tool completes acquisition of the	1	
target device without error then subscriber–related information shall be		
presented in a useable format.		
SPT–CA–06 If a cellular forensic tool completes acquisition of the	1	
target device without error then equipment related information shall be		
presented in a useable format.		
SPT–CA–07 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries shall be presented		
in a useable format.		
SPT–CA–08 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length address book entries		
shall be presented in a useable format.		
SPT–CA–09 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing special		
characters shall be presented in a useable format.		
SPT–CA–10 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing blank		
names shall be presented in a useable format.		
SPT–CA–11 If a cellular forensic tool completes acquisition of the	1	
target device without error then email addresses associated with address		
book entries shall be presented in a useable format.		
SPT–CA–12 If a cellular forensic tool completes acquisition of the	1	3.5
target device without error then graphics associated with address book		
entries shall be presented in a useable format.		
SPT–CA–13 If a cellular forensic tool completes acquisition of the	1	
target device without error then datebook, calendar, note entries shall be		
presented in a useable format.		
SPT–CA–14 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length datebook, calendar,		
note entries shall be presented in a useable format.		
SPT–CA–15 If a cellular forensic tool completes acquisition of the	1	
target device without error then call logs (incoming/outgoing/missed)		
shall be presented in a useable format.		
SPT–CA–16 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding date/time stamps and		
the duration of the call for call logs shall be presented in a useable		
format.		
SPT–CA–17 If a cellular forensic tool completes acquisition of the	1	
target device without error then ASCII text messages (i.e., SMS, EMS)		
shall be presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-CA-18 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding date/time stamps for		
text messages shall be presented in a useable format.		
SPT-CA-19 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding status (i.e., read,		
unread) for text messages shall be presented in a useable format.		
SPT–CA–20 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding sender / recipient		
phone numbers for text messages shall be presented in a useable format.		
SPT–CA–21 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated audio		
shall be presented in a useable format.		
SPT–CA–22 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated graphic		
files shall be presented in a useable format.		
SPT–CA–23 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated video		
shall be presented in a useable format.		
SPT–CA–24 If a cellular forensic tool completes acquisition of the	1	3.9
target device without error then stand-alone audio files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT-CA-25 If a cellular forensic tool completes acquisition of the	1	3.9
target device without error then stand-alone graphic files shall be		
presented in a useable format via either an internal application or		
suggested third-party application.		
SPT–CA–26 If a cellular forensic tool completes acquisition of the	1	3.9
target device without error then stand-alone video files shall be		
presented in a useable format via either an internal application or		
suggested third-party application.		
SPT–CA–27 If a cellular forensic tool completes acquisition of the	1	3.10
target device without error then device specific application related data		
shall be acquired and presented in a useable format via either an internal		
application or suggested third-party application.		
SPT–CA–28 If a cellular forensic tool completes acquisition of the	1	
target device without error then Internet related data (i.e., bookmarks,		
visited sites) cached to the device shall be acquired and presented in a		
useable format.		
SPT–CA–29 If a cellular forensic tool provides the user with an	2	
"Acquire All" device data objects acquisition option then the tool shall		
complete the acquisition of all data objects without error.		
SPT–CA–32 If a cellular forensic tool completes two consecutive	1	
logical acquisitions of the target device without error then the payload		
(data objects) on the mobile device shall remain consistent.		
SPT–AO–01 If a cellular forensic tool provides support for connectivity	2	

Assertions Tested	Tests	Anomaly
of the target SIM then the tool shall successfully recognize the target		
SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary		
reader, smart phone itself).		
SPT-AO-02 If a cellular forensic tool attempts to connect to a non-	1	
supported SIM then the tool shall notify the user that the SIM is not		
supported.		
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM	1	
reader then the tool shall notify the user that connectivity has been		
disrupted.		
SPT–AO–04 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the SPN shall be presented in a useable		
format.		
SPT–AO–05 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the ICCID shall be presented in a useable	_	
format.		
SPT–AO–06 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the IMSI shall be presented in a useable	1	
format.		
SPT-AO-07 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the MSISDN shall be presented in a	1	
useable format.		
	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII Abbreviated Dialing Numbers		
(ADN) shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then maximum length ADNs shall be presented		
in a useable format.	1	
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM	1	
without error then ADNs containing special characters shall be		
presented in a useable format.		
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM	1	
without error then ADNs containing blank names shall be presented in a		
useable format.		
SPT–AO–12 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then Last Numbers Dialed (LND) shall be		
presented in a useable format.		
SPT–AO–13 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding date/time stamps for		
LNDs shall be presented in a useable format.		
SPT–AO–14 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII SMS text messages shall be		
presented in a useable format.		
SPT–AO–15 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII EMS text messages shall be		
presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-AO-16 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding date/time stamps for all		
text messages shall be presented in a useable format.		
SPT-AO-17 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding status (i.e., read,		
unread) for text messages shall be presented in a useable format.		
SPT–AO–18 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding sender / recipient phone		
numbers for text messages shall be presented in a useable format.		
SPT–AO–19 If the cellular forensic tool completes acquisition of the	1	
target SIM without error then deleted text messages that have not been		
overwritten shall be presented in a useable format.		
SPT-AO-20 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then location related data (i.e., LOCI) shall be		
presented in a useable format.		
SPT–AO–21 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then location related data (i.e., GRPSLOCI)		
shall be presented in a useable format.		
SPT–AO–22 If a cellular forensic tool provides the user with an	1	
"Acquire All" SIM data objects acquisition option then the tool shall		
complete the acquisition of all data objects without error.		
SPT–AO–25 If a cellular forensic tool completes acquisition without	2	
error then the tool shall present the acquired data in a useable format via		
supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition without	2	
error then the tool shall present the acquired data in a useable format in		
a preview–pane view.		
SPT-AO-27 If the case file or individual data objects are modified via	2	
third-party means then the tool shall provide protection mechanisms		
disallowing or reporting data modification.		
SPT-AO-28 If the SIM is password-protected then the cellular forensic	1	3.13
tool shall provide the examiner with the opportunity to input the PIN		
before acquisition.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII	2	
characters then the application should present ADNs in their native		
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-	2	
ASCII characters then the application should present text messages in		
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual	2	
data objects then the tool shall present the user with a hash value for		
each supported data object.		

Table 3c: Assertions Tested: (Nokia 6790)

Assertions Tested

Tests Anomaly

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	3.1
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview–pane or generated report.	1	
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.	1	
SPT–CA–30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT–CA–31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
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).	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).	1	
SPT-AO-02 If a cellular forensic tool attempts to connect to a non- supported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	
SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT–AO–08 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII Abbreviated Dialing Numbers		
(ADN) shall be presented in a useable format.		
SPT–AO–09 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then maximum length ADNs shall be presented		
in a useable format.		
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM	1	
without error then ADNs containing special characters shall be		
presented in a useable format.		
SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM	1	
without error then ADNs containing blank names shall be presented in a		
useable format.		
SPT–AO–12 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then Last Numbers Dialed (LND) shall be		
presented in a useable format.		
SPT–AO–13 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding date/time stamps for		
LNDs shall be presented in a useable format.		
SPT–AO–14 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII SMS text messages shall be		
presented in a useable format.		
SPT–AO–15 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII EMS text messages shall be		
presented in a useable format.		
SPT–AO–16 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding date/time stamps for all		
text messages shall be presented in a useable format.		
SPT-AO-17 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding status (i.e., read,		
unread) for text messages shall be presented in a useable format.		
SPT-AO-18 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding sender / recipient phone		
numbers for text messages shall be presented in a useable format.		
SPT–AO–19 If the cellular forensic tool completes acquisition of the	1	
target SIM without error then deleted text messages that have not been		
overwritten shall be presented in a useable format.		
SPT–AO–20 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then location related data (i.e., LOCI) shall be		
presented in a useable format.		
SPT–AO–21 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then location related data (i.e., GRPSLOCI)		
shall be presented in a useable format.		
SPT–AO–22 If a cellular forensic tool provides the user with an	1	
"Acquire All" SIM data objects acquisition option then the tool shall		
complete the acquisition of all data objects without error.		
	1	

Assertions Tested	Tests	Anomaly
SPT–AO–25 If a cellular forensic tool completes acquisition without	1	
error then the tool shall present the acquired data in a useable format via		
supported generated report formats.		
SPT–AO–26 If a cellular forensic tool completes acquisition without	1	
error then the tool shall present the acquired data in a useable format in		
a preview–pane view.		
SPT–AO–27 If the case file or individual data objects are modified via	1	
third-party means then the tool shall provide protection mechanisms		
disallowing or reporting data modification.		
SPT–AO–28 If the SIM is password–protected then the cellular forensic	1	3.13
tool shall provide the examiner with the opportunity to input the PIN		
before acquisition.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII	1	
characters then the application should present ADNs in their native		
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-	1	
ASCII characters then the application should present text messages in		
their native format.		
SPT–AO–43 If the cellular forensic tool supports hashing for individual	1	
data objects then the tool shall present the user with a hash value for		
each supported data object.		

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

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity	1	
of the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT-CA-02 If a cellular forensic tool attempts to connect to a non-	1	
supported device then the tool shall notify the user that the device is not		
supported.		
SPT–CA–03 If connectivity between the mobile device and cellular	1	
forensic tool is disrupted then the tool shall notify the user that		
connectivity has been disrupted.		
SPT–CA–04 If a cellular forensic tool completes acquisition of the	2	3.3
target device without error then the tool shall have the ability to present		
acquired data objects in a useable format via either a preview-pane or		
generated report.		
SPT–CA–05 If a cellular forensic tool completes acquisition of the	1	
target device without error then subscriber–related information shall be		
presented in a useable format.		
SPT–CA–06 If a cellular forensic tool completes acquisition of the	1	
target device without error then equipment related information shall be		
presented in a useable format.		
SPT–CA–07 If a cellular forensic tool completes acquisition of the	1	

Assertions Tested	Tests	Anomaly
target device without error then address book entries shall be presented		
in a useable format.		
SPT–CA–08 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length address book entries		
shall be presented in a useable format.		
SPT–CA–09 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing special		
characters shall be presented in a useable format.		
SPT–CA–10 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing blank		
names shall be presented in a useable format.		
SPT–CA–11 If a cellular forensic tool completes acquisition of the	1	
target device without error then email addresses associated with address		
book entries shall be presented in a useable format.		
SPT–CA–12 If a cellular forensic tool completes acquisition of the	1	3.5
target device without error then graphics associated with address book		
entries shall be presented in a useable format.		
SPT–CA–13 If a cellular forensic tool completes acquisition of the	1	
target device without error then datebook, calendar, note entries shall be		
presented in a useable format.		
SPT–CA–14 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length datebook, calendar,		
note entries shall be presented in a useable format.		
SPT–CA–15 If a cellular forensic tool completes acquisition of the	1	
target device without error then call logs (incoming/outgoing/missed)		
shall be presented in a useable format.		
SPT–CA–16 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding date/time stamps and		
the duration of the call for call logs shall be presented in a useable		
format.		
SPT–CA–17 If a cellular forensic tool completes acquisition of the	1	3.7
target device without error then ASCII text messages (i.e., SMS, EMS)		
shall be presented in a useable format.		
SPT–CA–18 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding date/time stamps for		
text messages shall be presented in a useable format.		
SPT–CA–19 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding status (i.e., read,		
unread) for text messages shall be presented in a useable format.		
SPT–CA–20 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding sender / recipient		
phone numbers for text messages shall be presented in a useable format.		
SPT-CA-21 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated audio		
shall be presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT–CA–22 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated graphic		
files shall be presented in a useable format.		
SPT-CA-23 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated video		
shall be presented in a useable format.		
SPT–CA–24 If a cellular forensic tool completes acquisition of the	1	3.9
target device without error then stand-alone audio files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT–CA–25 If a cellular forensic tool completes acquisition of the	1	3.9
target device without error then stand-alone graphic files shall be		
presented in a useable format via either an internal application or		
suggested third-party application.		
SPT–CA–26 If a cellular forensic tool completes acquisition of the	1	3.9
target device without error then stand-alone video files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT-CA-27 If a cellular forensic tool completes acquisition of the	1	
target device without error then device specific application related data		
shall be acquired and presented in a useable format via either an internal		
application or suggested third–party application.		
SPT–CA–28 If a cellular forensic tool completes acquisition of the	1	
target device without error then Internet related data (i.e., bookmarks,		
visited sites) cached to the device shall be acquired and presented in a		
useable format.		
SPT–CA–29 If a cellular forensic tool provides the user with an	2	
"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	2	
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	2	
to "Select Individual" device data objects for acquisition then the tool		
shall acquire each exclusive data object without error.	1	
SPT-CA-32 If a cellular forensic tool completes two consecutive	1	
logical acquisitions of the target device without error then the payload		
(data objects) on the mobile device shall remain consistent.	1	2.10
SPT-AO-25 If a cellular forensic tool completes acquisition without	1	3.12
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 without	1	
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	1	

Assertions Tested	Tests	Anomaly
third-party means then the tool shall provide protection mechanisms		
disallowing or reporting data modification.		
SPT–AO–31 If the cellular forensic tool supports a physical acquisition	1	3.14
of the target device then the tool shall complete the acquisition without		
error.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII	1	
characters then the application should present address book entries in		
their native format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-	1	
ASCII characters then the application should present text messages in		
their native format.		
SPT–AO–43 If the cellular forensic tool supports hashing for individual	1	
data objects then the tool shall present the user with a hash value for		
each supported data object.		

### Table 3e: Assertions Tested: (Blackberry 9630)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity	1	
of the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT-CA-02 If a cellular forensic tool attempts to connect to a non-	1	
supported device then the tool shall notify the user that the device is not		
supported.		
SPT–CA–03 If connectivity between the mobile device and cellular	1	3.2
forensic tool is disrupted then the tool shall notify the user that		
connectivity has been disrupted.		
SPT–CA–04 If a cellular forensic tool completes acquisition of the	2	
target device without error then the tool shall have the ability to present		
acquired data objects in a useable format via either a preview-pane or		
generated report.		
SPT–CA–05 If a cellular forensic tool completes acquisition of the	1	3.4
target device without error then subscriber–related information shall be		
presented in a useable format.		
SPT–CA–06 If a cellular forensic tool completes acquisition of the	1	3.4
target device without error then equipment related information shall be		
presented in a useable format.		
SPT–CA–07 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries shall be presented		
in a useable format.		
SPT–CA–08 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length address book entries		
shall be presented in a useable format.		
SPT–CA–09 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing special		

Assertions Tested	Tests	Anomaly
characters shall be presented in a useable format.		
SPT–CA–10 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing blank		
names shall be presented in a useable format.		
SPT–CA–11 If a cellular forensic tool completes acquisition of the	1	
target device without error then email addresses associated with address		
book entries shall be presented in a useable format.		
SPT–CA–12 If a cellular forensic tool completes acquisition of the	1	3.5
target device without error then graphics associated with address book		
entries shall be presented in a useable format.		
SPT–CA–13 If a cellular forensic tool completes acquisition of the	1	
target device without error then datebook, calendar, note entries shall be		
presented in a useable format.		
SPT–CA–14 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length datebook, calendar,		
note entries shall be presented in a useable format.		
SPT–CA–15 If a cellular forensic tool completes acquisition of the	1	
target device without error then call logs (incoming/outgoing/missed)	_	
shall be presented in a useable format.		
SPT–CA–16 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding date/time stamps and	_	
the duration of the call for call logs shall be presented in a useable		
format.		
SPT–CA–17 If a cellular forensic tool completes acquisition of the	1	
target device without error then ASCII text messages (i.e., SMS, EMS)	_	
shall be presented in a useable format.		
SPT–CA–18 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding date/time stamps for	-	
text messages shall be presented in a useable format.		
SPT–CA–19 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding status (i.e., read,	-	
unread) for text messages shall be presented in a useable format.		
SPT-CA-20 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding sender / recipient	-	
phone numbers for text messages shall be presented in a useable format.		
SPT-CA-21 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated audio	1	5.0
shall be presented in a useable format.		
SPT-CA-22 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated graphic	1	5.5
files shall be presented in a useable format.		
SPT-CA-23 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated video	1	5.0
shall be presented in a useable format.		
SPT-CA-24 If a cellular forensic tool completes acquisition of the	1	3.9
ST 1-CA-24 II a centular forensic tool completes acquisition of the	1	3.7

Assertions Tested	Tests	Anomaly
target device without error then stand-alone audio files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT–CA–25 If a cellular forensic tool completes acquisition of the	1	3.9
target device without error then stand-alone graphic files shall be		
presented in a useable format via either an internal application or		
suggested third-party application.		
SPT–CA–26 If a cellular forensic tool completes acquisition of the	1	3.9
target device without error then stand-alone video files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT–CA–27 If a cellular forensic tool completes acquisition of the	1	3.10
target device without error then device specific application related data		
shall be acquired and presented in a useable format via either an internal		
application or suggested third-party application.		
SPT-CA-28 If a cellular forensic tool completes acquisition of the	1	3.11
target device without error then Internet related data (i.e., bookmarks,		
visited sites) cached to the device shall be acquired and presented in a		
useable format.		
SPT–CA–29 If a cellular forensic tool provides the user with an	2	
"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	2	
All" individual device data objects then the tool shall complete the	-	
acquisition of all individually selected data objects without error.		
SPT-CA-31 If a cellular forensic tool provides the user with the ability	2	
to "Select Individual" device data objects for acquisition then the tool	-	
shall acquire each exclusive data object without error.		
SPT-CA-32 If a cellular forensic tool completes two consecutive	1	
logical acquisitions of the target device without error then the payload	1	
(data objects) on the mobile device shall remain consistent.		
SPT-AO-25 If a cellular forensic tool completes acquisition without	1	
error then the tool shall present the acquired data in a useable format via	1	
supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition without	1	
error then the tool shall present the acquired data in a useable format in	1	
a preview-pane view.		
SPT-AO-27 If the case file or individual data objects are modified via	1	
	1	
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 abaracters than the application should present address hook apprication	1	
characters then the application should present address book entries in their pative format		
their native format.	1	2.15
SPT-AO-41 If the cellular forensic tool supports proper display of non-	1	3.15
ASCII characters then the application should present text messages in		

Assertions Tested	Tests	Anomaly
their native format.		
SPT–AO–43 If the cellular forensic tool supports hashing for individual	1	3.15
data objects then the tool shall present the user with a hash value for		
each supported data object.		

### Table 3f: Assertions Tested: (Palm pixi)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity	1	
of the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT-CA-02 If a cellular forensic tool attempts to connect to a non-	1	
supported device then the tool shall notify the user that the device is not		
supported.		
SPT–CA–03 If connectivity between the mobile device and cellular	1	
forensic tool is disrupted then the tool shall notify the user that		
connectivity has been disrupted.		
SPT–CA–04 If a cellular forensic tool completes acquisition of the	2	
target device without error then the tool shall have the ability to present		
acquired data objects in a useable format via either a preview-pane or		
generated report.		
SPT–CA–05 If a cellular forensic tool completes acquisition of the	1	3.4
target device without error then subscriber-related information shall be		
presented in a useable format.		
SPT–CA–06 If a cellular forensic tool completes acquisition of the	1	3.4
target device without error then equipment related information shall be		
presented in a useable format.		
SPT–CA–07 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries shall be presented		
in a useable format.		
SPT–CA–08 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length address book entries		
shall be presented in a useable format.		
SPT–CA–09 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing special		
characters shall be presented in a useable format.		
SPT–CA–10 If a cellular forensic tool completes acquisition of the	1	
target device without error then address book entries containing blank		
names shall be presented in a useable format.		
SPT–CA–11 If a cellular forensic tool completes acquisition of the	1	
target device without error then email addresses associated with address		
book entries shall be presented in a useable format.		
SPT–CA–12 If a cellular forensic tool completes acquisition of the	1	3.5
target device without error then graphics associated with address book		
entries shall be presented in a useable format.		
SPT–CA–13 If a cellular forensic tool completes acquisition of the	1	

Assertions Tested	Tests	Anomaly
target device without error then datebook, calendar, note entries shall be		
presented in a useable format.		
SPT–CA–14 If a cellular forensic tool completes acquisition of the	1	
target device without error then maximum length datebook, calendar,		
note entries shall be presented in a useable format.		
SPT–CA–15 If a cellular forensic tool completes acquisition of the	1	
target device without error then call logs (incoming/outgoing/missed)		
shall be presented in a useable format.		
SPT–CA–16 If a cellular forensic tool completes acquisition of the	1	3.6
target device without error then the corresponding date/time stamps and		
the duration of the call for call logs shall be presented in a useable		
format.		
SPT–CA–17 If a cellular forensic tool completes acquisition of the	1	
target device without error then ASCII text messages (i.e., SMS, EMS)		
shall be presented in a useable format.		
SPT–CA–18 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding date/time stamps for		
text messages shall be presented in a useable format.		
SPT–CA–19 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding status (i.e., read,		
unread) for text messages shall be presented in a useable format.		
SPT–CA–20 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding sender / recipient		
phone numbers for text messages shall be presented in a useable format.		
SPT–CA–21 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated audio		
shall be presented in a useable format.		
SPT–CA–22 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated graphic		
files shall be presented in a useable format.		
SPT–CA–23 If a cellular forensic tool completes acquisition of the	1	3.8
target device without error then MMS messages and associated video		
shall be presented in a useable format.		
SPT–CA–24 If a cellular forensic tool completes acquisition of the	1	
target device without error then stand-alone audio files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT–CA–25 If a cellular forensic tool completes acquisition of the	1	
target device without error then stand-alone graphic files shall be		
presented in a useable format via either an internal application or		
suggested third–party application.		
SPT–CA–26 If a cellular forensic tool completes acquisition of the	1	
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.		

Assertions Tested	Tests	Anomaly
SPT–CA–27 If a cellular forensic tool completes acquisition of the	1	3.10
target device without error then device specific application related data		
shall be acquired and presented in a useable format via either an internal		
application or suggested third-party application.		
SPT–CA–28 If a cellular forensic tool completes acquisition of the	1	
target device without error then Internet related data (i.e., bookmarks,		
visited sites) cached to the device shall be acquired and presented in a		
useable format.		
SPT–CA–30 If a cellular forensic tool provides the user with a "Select	2	
All" individual device data objects then the tool shall complete the		
acquisition of all individually selected data objects without error.		
SPT–CA–32 If a cellular forensic tool completes two consecutive	1	
logical acquisitions of the target device without error then the payload		
(data objects) on the mobile device shall remain consistent.		
SPT–AO–25 If a cellular forensic tool completes acquisition of the	1	
target device without error then the tool shall present the acquired data		
in a useable format via supported generated report formats.		
SPT–AO–26 If a cellular forensic tool completes acquisition of the	1	
target device without error then the tool shall present the acquired data		
in a useable format in a preview–pane view.		
SPT-AO-27 If the case file or individual data objects are modified via	1	
third-party means then the tool shall provide protection mechanisms		
disallowing or reporting data modification.		
SPT–AO–40 If the cellular forensic tool supports display of non–ASCII	1	
characters then the application should present address book entries in		
their native format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-	1	
ASCII characters then the application should present text messages in		
their native format.		
SPT–AO–43 If the cellular forensic tool supports hashing for individual	1	
data objects then the tool shall present the user with a hash value for		
each supported data object.		

Table 4a–4f lists the assertions that were not tested, usually due to the tool not supporting an optional feature.

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

Assertions Not Tested		
SPT–CA–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 than the tool shall acquire each evaluation		

Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.

SPT–AO–23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.

SPT–AO–24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.

SPT–AO–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.

### Table 4b: Assertions Not Tested (Blackberry Bold 9700)

**Assertions Not Tested** 

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–AO–23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.

SPT–AO–24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.

SPT–AO–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 4c: Assertions Not Tested (Nokia 6790)

**Assertions Not Tested** SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported. SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted. SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format. SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format. SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs

shall be presented in a useable format.

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

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

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

SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.

SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.

SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable 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–23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.

SPT–AO–24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.

SPT–AO–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 4d: Assertions Not Tested (HTC Touch Pro 2)

### **Assertions Not Tested**

SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool–supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).

SPT–AO–02 If a cellular forensic tool attempts to connect to a non–supported SIM then the tool shall notify the user that the SIM is not supported.

SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.

SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.

SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.

SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without

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error then the IMSI shall be presented in a useable format.

SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.

SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.

SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.

SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.

SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.

SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.

SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.

SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.

SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.

SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.

SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.

SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.

SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.

SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.

SPT–AO–22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.

SPT–AO–23 If a cellular forensic tool provides the user with 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–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.

SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.

SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.

SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.

SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.

SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.

SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.

SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.

SPT–AO–42 If the cellular forensic tool supports stand–alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.

SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS–related data in a useable format.

### Table 4e: Assertions Not Tested (Blackberry 9630)

Assertions Not Tested SPT–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

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

SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.

SPT–AO–22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.

SPT–AO–23 If a cellular forensic tool provides the user with 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 4f: Assertions Not Tested (Palm pixi)

Assertions Not Tested SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-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-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool–supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-02 If a cellular forensic tool attempts to connect to a non–supported SIM then
data objects acquisition option then the tool shall complete the acquisition of all 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-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then
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-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then
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-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then
Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then
data object without error. SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then
then the tool shall successfully recognize the target SIM via all tool–supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT–AO–02 If a cellular forensic tool attempts to connect to a non–supported SIM then
(e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then
SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then
the tool shall notify the user that the SIM is not supported.
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the
tool shall notify the user that connectivity has been disrupted.
SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without
error then the SPN shall be presented in a useable format.
SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without
error then the ICCID shall be presented in a useable format.
SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without
error then the IMSI shall be presented in a useable format.
SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without
error then the MSISDN shall be presented in a useable format.
SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without
error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable
format.
SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without
error then maximum length ADNs shall be presented in a useable format.
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error
then ADNs containing special characters shall be presented in a useable format.
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error
then ADNs containing blank names shall be presented in a useable format.
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without
error then Last Numbers Dialed (LND) shall be presented in a useable format.
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without
error then the corresponding date/time stamps for LNDs shall be presented in a useable
format.

SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.

SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.

SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.

SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.

SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.

SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.

SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.

SPT–AO–22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.

SPT–AO–23 If a cellular forensic tool provides the user with 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.

The following sections provide detailed information for the anomalies specified in Tables 3a - 3f.

## 3.1 Device connectivity

Connectivity to the Nokia 6790 by the supported cable interface was not successful for test case SPT–01. The following message was displayed: "Acquisition process has failed. Status: Failed, Action: Connecting..., Result: Connection error, Advice: Try to reacquire the device. If the error persists, please submit log to the Paraben support team."

# 3.2 Acquisition disruption

Notification of device acquisition disruption was not successful for test case SPT–03 for the iPhone 3Gs, Blackberry Bold 9700 and the Blackberry 9630. The acquisition was disrupted by removing the cable from the mobile device during acquisition.

## 3.3 Data acquisition review

For test case SPT–04, data acquired from the HTC Touch Pro 2 was not viewable in the preview–pane. When acquiring memory image and file system data the reported data is only viewable through Paraben's sorter tab. No data is displayed in the case tab. When attempting to save the case file the following error occurs: "Error, Unknown error."

## 3.4 Acquisition of subscriber related information

Subscriber related data (MSISDN, IMEI, ESN) was not reported for test case SPT-05 for the following devices: Blackberry 9630, and the Palm pixi.

## 3.5 Acquisition of PIM related data

For test case SPT–06, graphics files associated with address book entries were not reported for the following devices: iPhone 3Gs, Blackberry Bold 9700, HTC Touch Pro 2, Blackberry 9630 and the Palm pixi.

## 3.6 Acquisition of call log data / time stamp data

Call duration data (i.e., seconds, minutes, hours) was not reported on test case SPT-07 for the iPhone 3Gs and the Palm pixi.

## 3.7 Acquisition of text message data

Text messages (i.e., SMS, EMS) were not acquired on test case SPT–08 for the HTC Touch Pro 2.

## 3.8 Acquisition of MMS related data

For test case SPT–09, MMS messages or associated attachments (i.e., graphic, audio or video files) were not acquired from the HTC Touch Pro 2. Files associated with MMS messages were not acquired on test case SPT–09 for the Blackberry Bold 9700, Blackberry 9630 or the Palm pixi.

## 3.9 Acquisition of stand–alone data files

Acquisition of stand–alone data files (i.e., graphic, audio, or video files) on test case SPT–10 was not successful for the following devices: Blackberry Bold 9700, HTC Touch Pro 2, and the Blackberry 9630.

## 3.10 Acquisition of application related data

For test case SPT–11, acquisition of application related data was not successful for the following devices; iPhone 3Gs, Blackberry Bold 9700, Blackberry 9630 and the Palm pixi.

## 3.11 Acquisition of Internet related data

Internet related data was not acquired for test case SPT-12 for the Blackberry 9630.

## 3.12 Report generation

When attempting to generate the report on test case SPT–24 for the HTC Touch Pro 2 the following error occurred: "Reporting error: Object reference not set to an instance of an object."

## 3.13 Acquisition of password protected SIM

For test case SPT–28 acquisition of AT&T password–protected SIMs contained in iPhone 3Gs, Blackberry Bold 9700, and the Nokia 6790 was unsuccessful. The ability to

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enter the PIN before acquisition was not available. The dialog box does not allow the user to proceed with the acquisition of SIM data after inputting the PIN. The "Next" button is not available for selection.

# 3.14 Physical acquisition

The data acquired from the HTC Touch Pro 2 using the physical acquisition plug–in was not decoded for test case SPT–31.

## 3.15 Acquisition of non-ASCII data

For test case SPT–33, address book entries and text messages containing non–ASCII characters were not reported in their native format for the Blackberry 9630. The non–ASCII data was reported as '? ? ? ?'.

# 4 Testing Environment

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

## 4.1 Test Computers

One test computer was used.

**Morrisy** has the following configuration:

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

## 4.2 Mobile Devices

The following table contains the mobile devices used.

Make	Model	OS	Network
Apple iPhone	3Gs	iPhone	AT&T
Blackberry	Bold 9700	Blackberry	AT&T
Nokia	6790	Symbian	AT&T
HTC	Touch Pro 2	Windows Mobile 6.1	Sprint
Blackberry	Tour 9630	Blackberry	Sprint

Make	Model	OS	Network
Samsung	Moment	Android	Sprint
Palm	pixi	Palm OS	Sprint

### 4.3 Internal Memory Data Objects

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

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

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

### 4.4 Subscriber Identity Module Data Objects

The following data objects were used to populate the Subscriber Identity Modules.

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

# 5 Test Results

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

### 5.1 Test Results Report Key

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

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

 Table 5 Test Results Report Key

### 5.2 Test Details

### 5.2.1 SPT-01 (iPhone 3Gs)

Test Case SPI	-01 Device Seizure 4.0
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	rpa
Name:	
Test Host:	Morrisy
Test Date:	Mon Jul 19 08:44:09 EDT 2010
Device:	iPhone3Gs
Source	OS: WIN XP
Setup:	Interface: cable

Log Highlights: Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 08:44:09 EDT 2010 Acquisition finished: Mon Jul 19 08:51:43 EDT 2010 Device connectivity was established via supported interface Notes: iPhone advanced logical acquisition was selected. Results: Assertion & Expected Result 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-32 Perform back-to-back acquisitions, check device payload for modifications.	
Highlights:       Acquisition started: Mon Jul 19 08:44:09 EDT 2010         Acquisition finished: Mon Jul 19 08:51:43 EDT 2010         Device connectivity was established via supported interface         Notes:         iPhone advanced logical acquisition was selected.         Results:         Assertion & Expected Result         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-31 Select-Individual data objects acquisition.         SPT-CA-32 Perform back-to-back acquisitions, check device	
Notes:         iPhone advanced logical acquisition was selected.         Results:         Assertion & Expected Result         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-32 Perform back-to-back acquisitions, check device	
iPhone advanced logical acquisition was selected.         Results:         Assertion & Expected Result         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	
Assertion & Expected Result 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	
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	
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	Actual Result
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	as expected
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	as expected
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	as expected
SPT-CA-32 Perform back-to-back acquisitions, check device	as expected
	as expected
	as expected
Analysis: Expected results achieved	

# 5.2.2 SPT-02 (iPhone 3Gs)

Test Case SPT	-02 Device Seizure 4.0	
Case	SPT-02 Attempt internal memory acquisition of a non-supported mobile	
Summary:	device.	
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non- supported device then the tool shall notify the user that the device is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 09:00:25 EDT 2010	
Device:	unsupported_device	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Mon Jul 19 09:00:25 EDT 2010	
	Acquisition finished: Mon Jul 19 09:02:12 EDT 2010	
	Identification of non-supported devices was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-02 Identification of non-supported devices. as expected	
Analysis:	Expected results achieved	

# 5.2.3 SPT-03 (iPhone 3Gs)

Test Case SPT	-03 Device Seizure 4.0		
Case	SPT-03 Begin mobile device internal memory acquisition and interrupt		
Summary:	connectivity by interface disengagement.		
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 19 09:02:42 EDT 2010		
Device:	iPhone3Gs		
Source	OS: WIN XP	OS: WIN XP	
Setup:	Interface: cable		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Mon Jul 19 09:02:42 EDT 2010		
	Acquisition finished: Mon Jul 19 09:04:12 EDT 2010		
	Device acquisition disruption notification was not successful		
Results:	Assertion & Expected Result Actual 1	Dogult	
		Result	
	SPT-CA-03 Notification of device acquisition Not as disruption.		
Analysis:	Expected results Not achieved		

# 5.2.4 SPT-04 (iPhone 3Gs)

Test Case SPI	T-04 Device Seizure 4.0	
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.	
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 09:10:33 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Mon Jul 19 09:10:33 EDT 2010	
	Acquisition finished: Mon Jul 19 09:18:38 EDT 2010	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

# 5.2.5 SPT-05 (iPhone 3Gs)

Test Case SPT	-05 Device Seizure 4.0	
Case Summary:	SPT-05 Acquire mobile device internal mem and equipment related information (e.g.,	IMEI/MEID/ESN, MSISDN).
Assertions:	SPT-CA-05 If a cellular forensic tool comp device without error then subscriber-relating in a useable format. SPT-CA-06 If a cellular forensic tool comp device without error then equipment related in a useable format.	ted information shall be presented pletes acquisition of the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 09:21:30 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 09:21:30 Acquisition finished: Mon Jul 19 09:24:25 Subscriber and Equipment related data (i.)	EDT 2010
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected
	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Analysis:	Expected results achieved	

# 5.2.6 SPT-06 (iPhone 3Gs)

Test Case SPT	-06 Device Seizure 4.0		
Case	SPT-06 Acquire mobile device internal memory and review report	ted PIM	
Summary:	related data.		
Assertions:	device without error then address book entries shall be presented useable format.		
	SPT-CA-08 If a cellular forensic tool completes acquisition of device without error then maximum length address book entries presented in a useable format.	-	
	SPT-CA-09 If a cellular forensic tool completes acquisition of device without error then address book entries containing spe-		
	characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition c device without error then address book entries containing bla		
	be presented in a useable format. SPT-CA-11 If a cellular forensic tool completes acquisition of device without error then email addresses associated with add entries shall be presented in a useable format.		
	SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.		
	SPT-CA-13 If a cellular forensic tool completes acquisition of device without error then datebook, calendar, note entries sh presented in a useable format.	9	
	SPT-CA-14 If a cellular forensic tool completes acquisition of device without error then maximum length datebook, calendar, shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 19 09:39:04 EDT 2010		
Device:	iPhone3Gs		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 09:39:04 EDT 2010 Acquisition finished: Mon Jul 19 09:51:51 EDT 2010		
	Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquire	red	
	ALL PIM related data was acquired <u>Notes</u> : Graphic files associated with address book entries were acqui decoded.	red but not	
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. SPT-CA-10 Acquisition of address book entries containing a	as expected	
	blank name entry.	as expected	
	SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address	as expected	
	book entries.	partial	
	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	

Test Case SPT-06 Device Seizure 4.0			
	SPT-CA-14 Acquisition of maximum length PIM data.	as expected	
Analysis:	Partial results achieved		

# 5.2.7 SPT-07 (iPhone 3Gs)

Test Case SPT	-07 Device Seizure 4.0		
Case	SPT-07 Acquire mobile device internal memory and review reported call logs.		
Summary:			
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 19 09:56:26 EDT 2010		
Device:	iPhone3Gs		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 09:56:26 EDT 2010 Acquisition finished: Mon Jul 19 10:02:26 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were not correctly reported Notes: The duration of the call is not specified if it is seconds, minutes, or hours.		
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.	partial	
Analysis:	Partial results achieved		

# 5.2.8 SPT-08 (iPhone 3Gs)

Test Case SPT	-08 Device Seizure 4.0	
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:	Mon Jul 19 10:05:00 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
-		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 10:05:00 EDT 2010 Acquisition finished: Mon Jul 19 10:10:30 EDT 2010 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages	
	Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text mess correctly reported	ages were
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-17 Acquisition of text messages.	as expected
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected
	SPT-CA-19 Acquisition of text message status flags.	as expected
	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

# 5.2.9 SPT-09 (iPhone 3Gs)

Test Case SPT	-09 Device Seizure 4.0	
Case	SPT-09 Acquire mobile device internal memory and review rep	orted MMS multi-
Summary:	media related data (i.e., text, audio, graphics, video).	
Assertions:	Media related data (i.e., text, audio, graphics, video). 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 Jul 19 10:25:25 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 10:25:25 EDT 2010 Acquisition finished: Mon Jul 19 10:44:00 EDT 2010 ALL MMS messages (Audio, Image, Video) were acquired <u>Notes:</u> The MMS embedded objects (i.e., graphics, audio, video) are not associated or linked to the MMS text.	
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 (iPhone 3Gs)

Case       SPT-10 Acquire mobile device internal memory and review reported stand- alone multi-media data (i.e., audio, graphics, video).         Assertions:       SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.         SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.         SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.         Tester       rpa         Test Date:       Morrisy         Test Date:       Morrisy         Source       OS: WIN XP         Setup:       Interface: cable         Log       Created by Device Seizure Version 4.0 Acquisition finished: Mon Jul 19 10:45:59 EDT 2010 Acquisition finished: Mon Jul 19 11:02:46 EDT 2010 ALL stand-alone data files (Audio, Image, Video) were acquired         Results: <b>Assertion &amp; Expected Result</b> SPT-CA-26 Acquisition of stand-alone graphic files. as expected SPT-CA-26 Acquisition of stand-alone graphic files.         Analysis:       Expected results achieved	Test Case SPI	-10 Device Seizure 4.0		
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 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:       rpa         Test Date:       Mon Jul 19 10:45:59 EDT 2010         Device:       iPhone3Gs         Source       OS: WIN XP         Setup:       Interface: cable         Log       Created by Device Seizure Version 4.0         Acquisition finished: Mon Jul 19 11:02:46 EDT 2010         Acquisition finished: Mon Jul 19 11:02:46 EDT 2010         ALL stand-alone data files (Audio, Image, Video) were acquired         Results:       Assertion & Expected Result         Astual Result       SPT-CA-26 Acquis	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.         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 Morrisy         Test Host:       Morrisy         Test Date:       Mon Jul 19 10:45:59 EDT 2010         Device:       iPhone3Gs         Source       OS: WIN XP         Setup:       Interface: cable         Log       Created by Device Seizure Version 4.0         Acquisition started: Mon Jul 19 10:45:59 EDT 2010         Acquisition finished: Mon Jul 19 11:02:46 EDT 2010         ALL stand-alone data files (Audio, Image, Video) were acquired         Results:       Assertion & Expected Result         SPT-CA-24 Acquisition of stand-alone audio files.       as expe	Summary:	alone multi-media data (i.e., audio, graphics, video)		
Name:       Image:         Test Host:       Morrisy         Test Date:       Mon Jul 19 10:45:59 EDT 2010         Device:       iPhone3Gs         Source       OS: WIN XP         Setup:       Interface: cable         Log       Created by Device Seizure Version 4.0         Acquisition started: Mon Jul 19 10:45:59 EDT 2010         Acquisition finished: Mon Jul 19 11:02:46 EDT 2010         ALL stand-alone data files (Audio, Image, Video) were acquired         Results:         Assertion & Expected Result         SPT-CA-24 Acquisition of stand-alone audio files.         SPT-CA-25 Acquisition of stand-alone graphic files.         As expected         SPT-CA-26 Acquisition of stand-alone video files.	Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party		
Test Host:MorrisyTest Date:Mon Jul 19 10:45:59 EDT 2010Device:iPhone3GsSourceOS: WIN XPSetup:Interface: cableLogCreated by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 10:45:59 EDT 2010 Acquisition finished: Mon Jul 19 11:02:46 EDT 2010 ALL stand-alone data files (Audio, Image, Video) were acquiredResults:Assertion & Expected Result SPT-CA-24 Acquisition of stand-alone audio files. 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:       Mon Jul 19 10:45:59 EDT 2010         Device:       iPhone3Gs         Source       OS: WIN XP         Setup:       Interface: cable         Log       Acquisition started: Mon Jul 19 10:45:59 EDT 2010         Acquisition started: Mon Jul 19 10:45:59 EDT 2010         Acquisition finished: Mon Jul 19 11:02:46 EDT 2010         ALL stand-alone data files (Audio, Image, Video) were acquired         Results:       Assertion & Expected Result       Actual Result         SPT-CA-24 Acquisition of stand-alone audio files.       as expected         SPT-CA-25 Acquisition of stand-alone yideo files.       as expected         SPT-CA-26 Acquisition of stand-alone video files.       as expected	Name:			
Device:       iPhone3Gs         Source       OS: WIN XP         Setup:       Interface: cable         Log       Created by Device Seizure Version 4.0         Highlights:       Acquisition started: Mon Jul 19 10:45:59 EDT 2010         Acquisition finished: Mon Jul 19 11:02:46 EDT 2010         ALL stand-alone data files (Audio, Image, Video) were acquired         Results:       Assertion & Expected Result         Assertion & Expected Result       Actual 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	Test Host:	Morrisy		
Source Setup:       OS: WIN XP Interface: cable         Log Highlights:       Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 10:45:59 EDT 2010 Acquisition finished: Mon Jul 19 11:02:46 EDT 2010 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	Test Date:	Mon Jul 19 10:45:59 EDT 2010		
Setup:       Interface: cable         Log       Created by Device Seizure Version 4.0         Acquisition started: Mon Jul 19 10:45:59 EDT 2010         Acquisition finished: Mon Jul 19 11:02:46 EDT 2010         ALL stand-alone data files (Audio, Image, Video) were acquired         Results:         Assertion & Expected Result         SPT-CA-24 Acquisition of stand-alone audio files.         SPT-CA-25 Acquisition of stand-alone graphic files.         SPT-CA-26 Acquisition of stand-alone video files.	Device:	iPhone3Gs		
Log       Created by Device Seizure Version 4.0         Highlights:       Acquisition started: Mon Jul 19 10:45:59 EDT 2010         Acquisition finished: Mon Jul 19 11:02:46 EDT 2010         ALL stand-alone data files (Audio, Image, Video) were acquired         Results:         Assertion & Expected Result         SPT-CA-24 Acquisition of stand-alone audio files.         SPT-CA-25 Acquisition of stand-alone graphic files.         SPT-CA-26 Acquisition of stand-alone video files.	Source	OS: WIN XP		
Highlights:       Acquisition started: Mon Jul 19 10:45:59 EDT 2010         Acquisition finished: Mon Jul 19 11:02:46 EDT 2010         ALL stand-alone data files (Audio, Image, Video) were acquired         Results:         Assertion & Expected Result         SPT-CA-24 Acquisition of stand-alone audio files.         SPT-CA-25 Acquisition of stand-alone graphic files.         SPT-CA-26 Acquisition of stand-alone video files.	Setup:	Interface: cable		
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	9	Acquisition started: Mon Jul 19 10:45:59 EDT 2010		
Assertion & Expected ResultActual ResultSPT-CA-24 Acquisition of stand-alone audio files.as expectedSPT-CA-25 Acquisition of stand-alone graphic files.as expectedSPT-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 SPT-CA-26 Acquisition of stand-alone video 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			-	
			-	
Analysis: Expected results achieved		SPT-CA-26 Acquisition of stand-alone video files.	as expected	
	Analysis:	Expected results achieved		

# 5.2.11 SPT-11 (iPhone 3Gs)

Test Case SP	I-11 Device Seizure 4.0	
Case Summary:	SPT-11 Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	
Assertions:	SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 11:03:31 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 11:03:31 EDT 2010 Acquisition finished: Mon Jul 19 11:20:34 EDT 2010	
	Application data was not acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-27 Acquisition of application related data.	Not as expected
Analysis:	Expected results Not achieved	

# 5.2.12 SPT-12 (iPhone 3Gs)

Test Case SPT	-12 Device Seizure 4.0		
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:	Mon Jul 19 11:21:12 EDT 2010		
Device:	iPhone3Gs		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Mon Jul 19 11:21:12 EDT 2010		
	Acquisition finished: Mon Jul 19 11:25:27 EDT 2010		
	All Internet related data was acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-28 Acquisition of Internet related data.	as expected	
Analysis:	Expected results achieved		

# 5.2.13 SPT-13 (iPhone 3Gs)

Test Case SPT	-13 Device Seizure 4.0	
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.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 11:25:50 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Mon Jul 19 11:25:50 EDT 2010	
	Acquisition finished: Mon Jul 19 11:29:37 EDT 2010	
	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-29 Acquire-All data objects acquisition. as expected	
Analysis:	Expected results achieved	

# 5.2.14 SPT-14 (iPhone 3Gs)

	-14 Device Seizure 4.0		
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:	Mon Jul 19 11:56:16 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log	Created by Device Seizure Version 4.0		
Highlights: Acquisition started: Mon Jul 19 11:56:16 EDT 2010 Acquisition finished: Mon Jul 19 11:59:52 EDT 2010			
	Media connectivity was established via supported inter	face	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

# 5.2.15 SPT-15 (iPhone 3Gs)

Test Case SPT-	Test Case SPT-15 Device Seizure 4.0		
Case Summary:	SPT-15 Attempt acquisition of a non-supported SIM.		
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a non- supported SIM then the tool shall notify the user that the SIM is not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 19 12:12:53 EDT 2010		
Device:	non_supported		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 12:12:53 EDT 2010 Acquisition finished: Mon Jul 19 12:15:47 EDT 2010 Identification of non-supported media was successful		
Results:			
	Assertion & Expected Result     Actual Result       SPT-A0-02 Identification of non-supported SIMs.     as expected		
Analysis:	Expected results achieved		

# 5.2.16 SPT-16 (iPhone 3Gs)

Test Case SPT-	-16 Device Seizure 4.0	
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 Jul 19 12:17:43 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Mon Jul 19 12:17:43 EDT 2010	
	Acquisition finished: Mon Jul 19 12:19:00 EDT 2010	
	Media acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-A0-03 Notification of SIM acquisition disruption. as expected	
Analysis:	Expected results achieved	

# 5.2.17 SPT-17 (iPhone 3Gs)

Test Case SPT	-17 Device Seizure 4.0		
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 IMSI shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 19 12:31:21 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure Version Acquisition started: Mon Jul 19 12 Acquisition finished: Mon Jul 19 1 All subscriber-related data (i.e.,	:31:21 EDT 2010	
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		

# 5.2.18 SPT-18 (iPhone 3Gs)

Test Case SPT	-18 Device Seizure 4.0		
Case	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers		
Summary:	(ADN).		
Assertions:	SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 19 12:35:33 EDT 2010		
Device:	ATT SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 12:35:33 EDT 2010		
	Acquisition finished: Mon Jul 19 12:50:11 EDT 2010 All ADNs were acquired	)	
Results:	Assertion & Expected Result	Actual Result	
	SPT-AO-08 Acquisition of ADNs.	as expected	
	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	
	SPT-AO-09 Acquisition of special character ADNs.	as expected	
	SPT-AO-11 Acquisition of blank name ADNs.	as expected	
	DET NO IT ACQUISITION OF DIAIR HAME ADNS.	as expected	
Analysis:	Expected results achieved		

# 5.2.19 SPT-19 (iPhone 3Gs)

Test Case SPT	-19 Device Seizure 4.0		
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:	Mon Jul 19 12:50:41 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Mon Jul 19 12:50:41 EDT 201	0	
	Acquisition finished: Mon Jul 19 12:52:59 EDT 20	10	
	LNDs were acquired		
	Date/Time Stamps correctly reported for LNDs		
Results:	<u> </u>		
	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		

# 5.2.20 SPT-20 (iPhone 3Gs)

Test Case SPT	-20 Device Seizure 4.0		
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 pre useable format. SPT-AO-15 If a cellular forensic tool completes acquisition SIM without error then ASCII EMS text messages shall be pre useable format.	sented in a of the target	
	SPT-AO-16 If a cellular forensic tool completes acquisition SIM without error then the corresponding date/time stamps f messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition SIM without error then the corresponding status (i.e., read	or all text of the target	
	text messages shall be presented in a useable format.		
	SPT-AO-18 If a cellular forensic tool completes acquisition SIM without error then the corresponding sender / recipient for text messages shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 19 12:53:24 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 12:53:24 EDT 2010 Acquisition finished: Mon Jul 19 13:08:45 EDT 2010 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported		
Results:		-	
	Assertion & Expected Result	Actual Result	
	SPT-A0-14 Acquisition of SMS messages.	as expected	
	SPT-AO-15 Acquisition of EMS messages.	as expected	
	SPT-AO-16 Acquisition of text message date/time stamps.	as expected	
	SPT-AO-17 Acquisition of text message status flags.	as expected	
	SPT-A0-18 Acquisition of sender/recipient phone number associated with text messages.	as expected	
Analysis:	Expected results achieved		

# 5.2.21 SPT-21 (iPhone 3Gs)

Test Case SPT	-21 Device Seizure 4.0		
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:	Mon Jul 19 13:09:10 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 13:09:10 EDT 2010 Acquisition finished: Mon Jul 19 13:12:41 EDT 2010 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		

# 5.2.22 SPT-22 (iPhone 3Gs)

Test Case SPI	2-22 Device Seizure 4.0	
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:	Mon Jul 19 13:23:05 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Mon Jul 19 13:23:05 EDT 201	
	Acquisition finished: Mon Jul 19 13:26:22 EDT 20	10
	LOCI data was acquired	
	GPRSLOCI data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-20 Acquisition of LOCI information.	as expected
	SPT-A0-21 Acquisition of GPRSLOCI information.	as expected
Analysis:	Expected results achieved	

# 5.2.23 SPT-23 (iPhone 3Gs)

Test Case SP	I-23 Device Seizure 4.0		
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.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Mon Jul 19 13:26:44 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Mon Jul 19 13:26:44 EDT 2010		
	Acquisition finished: Mon Jul 19 13:30:58 EDT 2010		
	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	
Analysis:	Expected results achieved		

# 5.2.24 SPT-24 (iPhone 3Gs)

Test Case SPT	-24 Device Seizure 4.0		
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:	Mon Jul 19 13:45:59 EDT 2010		
Device:	iPhone3Gs		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 13:45:59 EDT 2010 Acquisition finished: Mon Jul 19 13:47:54 EDT 2010		
	Complete representation of known data via generated reports	s was successful	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-25 Comparison of known device data elements via	as expected	
	generated reports.		
Analysis:	Expected results achieved		

# 5.2.25 SPT-25 (iPhone 3Gs)

Test Case SPT	-25 Device Seizure 4.0	
Case	SPT-25 Acquire mobile device internal memory and review rep	orted 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 acquir useable format in a preview-pane view.	-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 13:48:15 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 13:48:15 EDT 2010 Acquisition finished: Mon Jul 19 13:50:12 EDT 2010 Complete representation of known data via preview-pane was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

# 5.2.26 SPT-26 (iPhone 3Gs)

Test Case SPT	-26 Device Seizure 4.0	
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:	Mon Jul 19 13:50:37 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 13:50:37 EDT 2010 Acquisition finished: Mon Jul 19 13:53:07 EDT 2010 Complete representation of known data via generated reports was successf	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

# 5.2.27 SPT-27 (iPhone 3Gs)

Test Case SPT	-27 Device Seizure 4.0	
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:	Mon Jul 19 13:55:30 EDT 2010	
Device:	ATT_SIM	
Source Setup:	OS: WIN XP Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 13:55:30 EDT 2010 Acquisition finished: Mon Jul 19 13:57:08 EDT 2010 Complete representation of known data via preview-pane was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	_
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# 5.2.28 SPT-28 (iPhone 3Gs)

Test Case SPT	-28 Device Seizure 4.0	
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:	Mon Jul 19 13:57:45 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 13:57:45 EDT 2010 Acquisition finished: Mon Jul 19 14:01:39 EDT 2010 Ability to enter PIN on protected media before acquisition was not successful <b>Notes:</b> The dialog box does not allow the user to proceed with the acquisition of SIM data after inputting the PIN. The "Next" button is not available for selection.	
Results:	Assertion & Expected Result SPT-AO-28 Acquisition of password protected SIM.	Actual Result Not as expected
Analysis:	Expected results Not achieved	

# 5.2.29 SPT-29 (iPhone 3Gs)

Test Case SPT	-29 Device Seizure 4.0	
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 14:06:59 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 14:06:59 EDT 2010 Acquisition finished: Mon Jul 19 14:08:48 EDT 2010 Notification of modified device memory data was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-27 Notification of modified device case data. as expected	
Analysis:	Expected results achieved	

# 5.2.30 SPT-30 (iPhone 3Gs)

Test Case SPT	-30 Device Seizure 4.0
Case	SPT-30 After a successful SIM acquisition, alter the case file via third-
Summary:	party means and attempt to re-open the case.
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	Rpa
Test Host:	Morrisy
Test Date:	Mon Jul 19 14:09:43 EDT 2010
Device:	ATT_SIM
Source	OS: WIN XP
Setup:	Interface: USB
Log	Created by Device Seizure Version 4.0
Highlights:	Acquisition started: Mon Jul 19 14:09:43 EDT 2010
	Acquisition finished: Mon Jul 19 14:10:36 EDT 2010
	Notification of modified SIM data was successful
Results:	
	Assertion & Expected Result Actual Result
	SPT-AO-27 Notification of modified device case data. as expected
Analysis:	Expected results achieved

# 5.2.31 SPT-33 (iPhone 3Gs)

Test Case SPT	-33 Device Seizure 4.0	
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:	Mon Jul 19 14:15:58 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 14:15:58 EDT 2010 Acquisition finished: Mon Jul 19 14:17:56 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

# 5.2.32 SPT-34 (iPhone 3Gs)

Test Case SPT	-34 Device Seizure 4.0	
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.	
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in thei native format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 14:18:23 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 14:18:23 EDT 2010 Acquisition finished: Mon Jul 19 14:21:38 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displ	ayed
Results:	Assertion & Expected Result	Actual Result
	SPT-A0-40 Acquisition of non-ASCII address book entries/ADNs.	as expected
	SPT-A0-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

# 5.2.33 SPT-38 (iPhone 3Gs)

Test Case SPT	-38 Device Seizure 4.0	
Case	SPT-38 Acquire mobile device internal memory and review hash values for	
Summary:	vendor supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 14:25:07 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 14:25:07 EDT 2010 Acquisition finished: Mon Jul 19 14:26:55 EDT 2010 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	
mutioro.	Appected reputts achieved	

# 5.2.34 SPT-39 (iPhone 3Gs)

	-39 Device Seizure 4.0	
Case	SPT-39 Acquire SIM memory and review hash values for vendor supported data	
Summary:	objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 14:27:23 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Mon Jul 19 14:27:23 EDT 2010 Acquisition finished: Mon Jul 19 14:28:43 EDT 2010 Hash values were properly reported for individually acquired SIM data elements	
Results:	Assertion & Expected Result	Actual Result
	SPT-A0-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

# 5.2.35 SPT-40 (iPhone 3Gs)

Test Case SPT	-40 Device Seizure 4.0	
Case	SPT-40 Acquire mobile device internal memory and review da	ata containing GPS
Summary:	longitude and latitude coordinates.	
Assertions:	SPT-AO-44 If the cellular forensic tool supports acquisit then the tool shall present the user with the longitude as coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 19 14:29:20 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Mon Jul 19 14:29:20 EDT 2010	
	Acquisition finished: Mon Jul 19 14:36:34 EDT 2010	
	GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-44 Acquire data, check GPS data for consistency.	as expected
Analysis:	Expected results achieved	

# 5.2.36 SPT-01 (Blackberry Bold 9700)

Test Case SD	-01 Device Seizure 4.0	
Case	SPT-01 Acquire mobile device internal memory over tool-support	od interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	SPT-CA-32 If a cellular forensic tool provides the user with the acquisition of the target device shall accompletes two consecutives acquised and the tool shall successfully recognized device via all vendor supported interfaces (e.g., cable, Blue SPT-CA-04 If a cellular forensic tool completes acquisition of device without error then the tool shall have the ability to p 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 the acquisition of all data objects without error. SPT-CA-32 If a cellular forensic tool completes two consecutive acquisitions of the target device without error then the paylo objects) on the mobile device shall remain consistent.	the target tooth, IrDA). f the target present w-pane or an "Acquire ll complete we logical
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 07:30:28 EDT 2010	
Device:	Blackberry bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 07:30:28 EDT 2010 Acquisition finished: Tue Jul 20 07:35:16 EDT 2010 Device connectivity was established via supported interface	
Results:		-
	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

# 5.2.37 SPT-02 (Blackberry Bold 9700)

Test Case SPT	-02 Device Seizure 4.0
Case	SPT-02 Attempt internal memory acquisition of a non-supported mobile
Summary:	device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non- supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Jul 20 07:35:42 EDT 2010
Device:	unsupported_device
Source	OS: WIN XP
Setup:	Interface: cable
Log	Created by Device Seizure Version 4.0
Highlights:	Acquisition started: Tue Jul 20 07:35:42 EDT 2010
	Acquisition finished: Tue Jul 20 07:38:24 EDT 2010
	Identification of non-supported devices was successful
Results:	
	Assertion & Expected Result Actual Result
	SPT-CA-02 Identification of non-supported devices. as expected
Analysis:	Expected results achieved

# 5.2.38 SPT-03 (Blackberry Bold 9700)

Test Case SPT	-03 Device Seizure 4.0	
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 tool is disrupted then the tool shall notify the user th	
	been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 07:38:56 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 07:38:56 EDT 2010	
	Acquisition finished: Tue Jul 20 07:48:15 EDT 2010	
	Device acquisition disruption notification was not succe	ssful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-03 Notification of device acquisition	Not as
	disruption.	expected
Analysis:	Expected results Not achieved	

# 5.2.39 SPT-04 (Blackberry Bold 9700)

Test Case SP	I-04 Device Seizure 4.0	
Case	SPT-04 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Tue Jul 20 07:56:38 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 07:56:38 EDT 2010	
	Acquisition finished: Tue Jul 20 08:12:47 EDT 2010	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

# 5.2.40 SPT-05 (Blackberry Bold 9700)

Test Case SPI	-05 Device Seizure 4.0	
Case Summary:	SPT-05 Acquire mobile device internal mem and equipment related information (e.g.,	IMEI/MEID/ESN, MSISDN).
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 08:13:18 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 08:13:18 Acquisition finished: Tue Jul 20 08:33:41 Subscriber and Equipment related data (i.	EDT 2010
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected
	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Analysis:	Expected results achieved	

# 5.2.41 SPT-06 (Blackberry Bold 9700)

Case	SPT-06 Acquire mobile device internal memory and review repo	rted 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 pres	
	useable format.	
	SPT-CA-08 If a cellular forensic tool completes acquisition	of the target
	device without error then maximum length address book entrie	
	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 the target
	device without error then address book entries containing bl	ank names shal
	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 ad	dress 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 b	
	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 s	hall 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,	
	shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 08:34:21 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 08:34:21 EDT 2010	
	Acquisition finished: Tue Jul 20 08:47:25 EDT 2010	
	Regular Length Address Book entries were acquired	
	Maximum Length Address Book entries were acquired	
	Special Character Address Book entries were acquired	
	Blank Name Address Book entries were 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:		1
	Assertion & Expected Result	Actual
		Result
	SPT-CA-07 Acquisition of address book entries.	as expected
	SPT-CA-08 Acquisition of maximum length address book	as expected
	entries.	
	SPT-CA-09 Acquisition of address book entries containing	as expected
	special characters.	
	SPT-CA-10 Acquisition of address book entries containing a	as expected
	blank name entry.	
	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
	I i i i i i i i i i i i i i i i i i i i	expected
	book entries.	
	book entries.	-
	SPT-CA-13 Acquisition of PIM data (i.e.,	as expected
		-

Test Case SPT-06 Device Seizure 4.0	
Analysis:	Partial results achieved

# 5.2.42 SPT-07 (Blackberry Bold 9700)

Test Case SPT	-07 Device Seizure 4.0	
Case Summary:	SPT-07 Acquire mobile device internal memory and revi	ew reported call logs.
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 08:48:31 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 08:48:31 EDT 2010	
	Acquisition finished: Tue Jul 20 08:51:16 EDT 2010	
	All Call Logs (incoming, outgoing, missed) were acqui All Call Log date/time stamps data were correctly rep	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-15 Acquisition of call logs.	as expected
	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
Analysis:	Expected results achieved	

# 5.2.43 SPT-08 (Blackberry Bold 9700)

Test Case SPT	-08 Device Seizure 4.0	
Case	SPT-08 Acquire mobile device internal memory and review report	rted text
Summary:	messages.	
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition of device without error then ASCII text messages (i.e., SMS, EM presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition of device without error then the corresponding date/time stamps messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition of device without error then the corresponding status (i.e., red text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition of device without error then the corresponding sender / recipien numbers for text messages shall be presented in a useable format.	S) shall be of the target for text of the target ad, unread) for of the target nt phone
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 08:56:57 EDT 2010	
Device:	Blackberry bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 08:56:57 EDT 2010 Acquisition finished: Tue Jul 20 09:01:47 EDT 2010 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messa correctly reported	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-17 Acquisition of text messages.	as expected
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected
	SPT-CA-19 Acquisition of text message status flags.	as expected
	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

# 5.2.44 SPT-09 (Blackberry Bold 9700)

Test Case SPI	-09 Device Seizure 4.0	
Case	SPT-09 Acquire mobile device internal memory and review re	eported MMS multi-
Summary:	media related data (i.e., text, audio, graphics, video).	
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisitic device without error then MMS messages and associated aud presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisitic device without error then MMS messages and associated grap be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisitic device without error then MMS messages and associated yield presented in a useable format.	io shall be on of the target phic files shall on of the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 09:03:14 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 09:03:14 EDT 2010 Acquisition finished: Tue Jul 20 09:08:46 EDT 2010 Partial audio MMS messages were acquired Partial image MMS messages were acquired Partial video MMS messages were acquired Notes: The MMS embedded objects (i.e., graphics, audio, video) are not reported.	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-21 Acquisition of audio MMS messages.	partial
	SPT-CA-22 Acquisition of graphic data image MMS messages.	partial
	SPT-CA-23 Acquisition of video MMS messages.	partial
Analysis:	Partial results Not achieved	

# 5.2.45 SPT-10 (Blackberry Bold 9700)

Test Case SPI	-10 Device Seizure 4.0	
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand- alone multi-media data (i.e., audio, graphics, video).	
Assertions:	SPT-CA-24 If a cellular forensic tool completes acqui device without error then stand-alone audio files sha useable format via either an internal application or application. SPT-CA-25 If a cellular forensic tool completes acqui device without error then stand-alone graphic files s useable format via either an internal application or application. SPT-CA-26 If a cellular forensic tool completes acqui device without error then stand-alone video files sha useable format via either an internal application or application.	sition of the target 11 be presented in a suggested third-party sition of the target hall be presented in a suggested third-party sition of the target 11 be presented in a
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Tue Jul 20 09:10:58 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 09:10:58 EDT 2010 Acquisition finished: Tue Jul 20 11:01:09 EDT 2010 Audio files were not acquired Image files were not acquired Video files were not acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-24 Acquisition of stand-alone audio files.	partial
	SPT-CA-25 Acquisition of stand-alone graphic files.	partial
	SPT-CA-26 Acquisition of stand-alone video files.	partial
Analysis:	Expected results Not achieved	

# 5.2.46 SPT-11 (Blackberry Bold 9700)

Test Case SPI	-11 Device Seizure 4.0	
Case	SPT-11 Acquire mobile device internal memory and review application relate	
Summary:	data (i.e., word documents, spreadsheet, presentation documents).	
Assertions:	SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Tue Jul 20 11:02:53 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 11:02:53 EDT 2010	
	Acquisition finished: Tue Jul 20 11:13:17 EDT 2010	
	Application data was not acquired	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-27 Acquisition of application related data. Not as expected	
Analysis:	Expected results achieved	

# 5.2.47 SPT-12 (Blackberry Bold 9700)

Test Case SPI	-12 Device Seizure 4.0	
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:	Tue Jul 20 11:13:55 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 11:13:55 EDT 2010	
	Acquisition finished: Tue Jul 20 12:17:32 EDT 2010	
	All Internet related data was acquired	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-28 Acquisition of Internet related data. as expected	
Analysis:	Expected results achieved	

## 5.2.48 SPT-13 (Blackberry Bold 9700)

Test Case SPT	-13 Device Seizure 4.0	
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.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 12:17:57 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 12:17:57 EDT 2010	
	Acquisition finished: Tue Jul 20 12:19:18 EDT 2010	
	Select All acquisition was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-29 Acquire-All data objects acquisition. as expected	
Analysis:	Expected results achieved	

## 5.2.49 SPT-14 (Blackberry Bold 9700)

Case	SPT-14 Acquire SIM memory over supported interfaces (e	g. PC/SC reader)
Summary:	bi i nequire bin memory over supported interfaces (e.g., re, se redder).	
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 Jul 20 12:18:43 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 12:18:43 EDT 2010	
	Acquisition finished: Tue Jul 20 12:20:28 EDT 2010	
	Media connectivity was established via supported inter	face
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

## 5.2.50 SPT-15 (Blackberry Bold 9700)

	-15 Device Seizure 4.0	
Case	SPT-15 Attempt acquisition of a non-supported SIM.	
Summary:		
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a non- supported SIM then the tool shall notify the user that the SIM is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 12:20:47 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 12:20:47 EDT 2010	
	Acquisition finished: Tue Jul 20 12:28:30 EDT 2010	
	Identification of non-supported media was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-02 Identification of non-supported SIMs. as expected	
Analysis:	Expected results achieved	

## 5.2.51 SPT-16 (Blackberry Bold 9700)

Test Case SPT	-16 Device Seizure 4.0	
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 Jul 20 12:28:51 EDT 2010	
Device:	ATT_SIM	
Source Setup:	OS: WIN XP Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 12:28:51 EDT 2010 Acquisition finished: Tue Jul 20 12:38:27 EDT 2010 Media acquisition disruption notification was successful	
Results:	Assertion & Expected ResultActual ResultSPT-A0-03 Notification of SIM acquisition disruption.as expected	
Analysis:	Expected results achieved	

## 5.2.52 SPT-17 (Blackberry Bold 9700)

Test Case SPT-	-17 Device Seizure 4.0	
Case	SPT-17 Acquire SIM memory and review reported subscriber and equipment	nt
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).	
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 12:38:51 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 12:38:51 EDT 2010 Acquisition finished: Tue Jul 20 12:44:28 EDT 2010 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-04 Acquisition of SPN. as expected	
	SPT-AO-05 Acquisition of ICCID. as expected	
	SPT-AO-06 Acquisition of IMSI. as expected	
	SPT-AO-07 Acquisition of MSISDN. as expected	
Analysis:	Expected results achieved	

## 5.2.53 SPT-18 (Blackberry Bold 9700)

Test Case SPT	-18 Device Seizure 4.0	
Case	SPT-18 Acquire SIM memory and review reported Abbreviated 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-A0-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-A0-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-A0-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 12:44:48 EDT 2010	
Device:	ATT SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 12:44:48 EDT 2010	
	Acquisition finished: Tue Jul 20 12:48:42 EDT 2010 All ADNs were acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-08 Acquisition of ADNs.	as expected
	SPT-AO-09 Acquisition of maximum length ADNs.	as expected
	SPT-AO-10 Acquisition of special character ADNs.	as expected
	SPT-AO-11 Acquisition of blank name ADNs.	as expected
Analysis:	Expected results achieved	

## 5.2.54 SPT-19 (Blackberry Bold 9700)

Test Case SPT	-19 Device Seizure 4.0	
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 Jul 20 12:49:01 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 12:49:01 EDT 201	0
	Acquisition finished: Tue Jul 20 12:52:59 EDT 2010	
	LNDs were acquired	
	Date/Time Stamps correctly reported for LNDs	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-12 Acquisition of LNDs.	as expected
	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Analysis:	Expected results achieved	

## 5.2.55 SPT-20 (Blackberry Bold 9700)

Test Case SPT	-20 Device Seizure 4.0		
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 pre useable format. SPT-AO-15 If a cellular forensic tool completes acquisition SIM without error then ASCII EMS text messages shall be pre useable format.	sented in a of the target	
	SPT-AO-16 If a cellular forensic tool completes acquisition SIM without error then the corresponding date/time stamps f messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition SIM without error then the corresponding status (i.e., read text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition SIM without error then the corresponding sender / recipient for text messages shall be presented in a useable format.	or all text of the target , unread) for of the target	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 20 12:53:25 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 12:53:25 EDT 2010 Acquisition finished: Tue Jul 20 12:55:04 EDT 2010 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-14 Acquisition of SMS messages.	as expected	
	SPT-AO-15 Acquisition of EMS messages.	as expected	
	SPT-AO-16 Acquisition of text message date/time stamps.	as expected	
	SPT-AO-17 Acquisition of text message status flags.	as expected	
	SPT-A0-18 Acquisition of sender/recipient phone number associated with text messages.	as expected	
Analysis:	Expected results achieved		

## 5.2.56 SPT-21 (Blackberry Bold 9700)

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:	Tue Jul 20 12:55:27 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 12:55:27 EDT 2010 Acquisition finished: Tue Jul 20 12:59:49 EDT 2010 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		

## 5.2.57 SPT-22 (Blackberry Bold 9700)

Test Case SPI	-22 Device Seizure 4.0	
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 Jul 20 13:00:13 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 13:00:13 EDT 201	0
	Acquisition finished: Tue Jul 20 13:02:01 EDT 2010	
	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	
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## 5.2.58 SPT-23 (Blackberry Bold 9700)

Test Case SPI	-23 Device Seizure 4.0	
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.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Tue Jul 20 13:02:20 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 13:02:20 EDT 2010	
5 5	Acquisition finished: Tue Jul 20 13:04:01 EDT 2010	
	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
Analysis:	Expected results achieved	

## 5.2.59 SPT-24 (Blackberry Bold 9700)

Test Case SPT	-24 Device Seizure 4.0	
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 14:30:30 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 14:30:30 EDT 2010 Acquisition finished: Tue Jul 20 14:32:28 EDT 2010 Complete representation of known data via generated reports was success:	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

## 5.2.60 SPT-25 (Blackberry Bold 9700)

Case	SPT-25 Acquire mobile device internal memory and review reported data via	
Summary:	the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 14:33:25 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 14:33:25 EDT 2010 Acquisition finished: Tue Jul 20 14:34:36 EDT 2010 Complete representation of known data via preview-pane was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

## 5.2.61 SPT-26 (Blackberry Bold 9700)

Case	ODE 26 Demine OTM memory and used as several data sin memory	
	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 Jul 20 14:35:07 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 14:35:07 EDT 2010	
	Acquisition finished: Tue Jul 20 14:37:57 EDT 2010	
	Complete representation of known data via generated reports	was successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via	as expected
	generated reports.	
Analysis:	Expected results achieved	

## 5.2.62 SPT-27 (Blackberry Bold 9700)

Case	SPT-27 Acquire SIM memory and review reported data via the	preview-pane
Summary:	bit 27 nequire bin 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 Jul 20 14:38:16 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 14:38:16 EDT 2010	
	Acquisition finished: Tue Jul 20 14:39:44 EDT 2010	
Complete representation of known data via preview-pane was		successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via	as expected
	preview-pane.	

## 5.2.63 SPT-28 (Blackberry Bold 9700)

Test Case SPT	-28 Device Seizure 4.0		
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 Jul 20 14:40:21 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 14:40:21 EDT 2010 Acquisition finished: Tue Jul 20 14:41:31 EDT 2010 Ability to enter PIN on protected media before acquisition was not successful <u>Notes</u> : The dialog box does not allow the user to proceed with the acquisition of SIM data after inputting the PIN. The "Next" button is not available for selection.		
Results:	Assertion & Expected Result SPT-AO-28 Acquisition of password protected SIM.	Actual Result Not as expected	
Analysis:	Expected results Not achieved		

## 5.2.64 SPT-29 (Blackberry Bold 9700)

Test Case SPT	-29 Device Seizure 4.0	
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 14:42:08 EDT 2010	
Device:	Blackberry_bold9700	
Source Setup:	OS: WIN XP Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 14:42:08 EDT 2010 Acquisition finished: Tue Jul 20 14:44:09 EDT 2010 Notification of modified device memory data was successful	
Results:	Assertion & Expected ResultActual ResultSPT-AO-27 Notification of modified device case data.as expected	
Analysis:	Expected results achieved	

## 5.2.65 SPT-30 (Blackberry Bold 9700)

Test Case SPT	-30 Device Seizure 4.0	
Case	SPT-30 After a successful SIM acquisition, alter the case file via third-	
Summary:	party means and attempt to re-open the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 14:44:30 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 20 14:44:30 EDT 2010	
	Acquisition finished: Tue Jul 20 14:46:10 EDT 2010	
	Notification of modified SIM data was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-27 Notification of modified device case data. as expected	
Analysis:	Expected results achieved	

## 5.2.66 SPT-33 (Blackberry Bold 9700)

Test Case SPI	-33 Device Seizure 4.0		
Case	SPT-33 Acquire mobile device internal memory and review data containing		
Summary:	non-ASCII characters.		
Assertions:	SPT-A0-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-A0-41 If the cellular forensic tool supports proper display of non- ASCII characters then the application should present text messages in their native format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 20 14:56:10 EDT 2010		
Device:	Blackberry_bold9700		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 14:56:10 EDT 2010 Acquisition finished: Tue Jul 20 14:57:15 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-A0-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected	
Analysis:	Expected results achieved		

## 5.2.67 SPT-34 (Blackberry Bold 9700)

Test Case SPT	-34 Device Seizure 4.0	
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters. SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format SPT-AO-41 If the cellular forensic tool supports proper display of non- ASCII characters then the application should present text messages in their native format.	
Assertions:		
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 14:57:37 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 14:57:37 EDT 2010 Acquisition finished: Tue Jul 20 14:59:01 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:	Assertion & Expected Result	Actual Result
	SPT-A0-40 Acquisition of non-ASCII address book entries/ADNs.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

## 5.2.68 SPT-38 (Blackberry Bold 9700)

Case	SPT-38 Acquire mobile device internal memory and review h	ash values for
Summary:	vendor supported data objects.	
Assertions:	SPT-A0-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 20 14:59:52 EDT 2010	
Device:	Blackberry_bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 14:59:52 EDT 2010 Acquisition finished: Tue Jul 20 15:01:04 EDT 2010 Hash values were properly reported for individually acquired device data elements	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

## 5.2.69 SPT-39 (Blackberry Bold 9700)

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:	Tue Jul 20 15:01:27 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 20 15:01:27 EDT 2010 Acquisition finished: Tue Jul 20 15:02:47 EDT 2010 Hash values were properly reported for individually acquired SIM data elements	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

## 5.2.70 SPT-01 (Nokia 6790)

-	-01 Device Seizure 4.0	
Case	SPT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	hs: SPT-CA-01 If a cellular forensic tool provides support for connectivit the target device then the tool shall successfully recognize the targe device via all vendor supported interfaces (e.g., cable, Bluetooth, Ir SPT-CA-04 If a cellular forensic tool completes acquisition of the tar 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 "Acqui All" device data objects acquisition option then the tool shall comple	
	the 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 to of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with "Select Individual" device data objects for acquisition then acquire each exclusive data object without error.	a "Select All" the acquisition the ability to
	SPT-CA-32 If a cellular forensic tool completes two consecut: acquisitions of the target device without error then the pay objects) on the mobile device shall remain consistent.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 27 14:16:56 EDT 2010	
Device:	Nokia_6790	
Source	OS: WIN XP	
Setup:	Interface: cable	
Acquisition f	tarted: Tue Jul 27 14:16:56 EDT 2010 inished: Tue Jul 27 14:17:05 EDT 2010 tivity was not established via supported interface	
Acquisition w has failed. S to reacquire	as not successful. The following message was displayed: Acquitatus: Failed, Action: Connecting, Result: Connection error the device. If the error persists, please submit log to the Pa	r, Advice: Try
Acquisition w has failed. S to reacquire team.	tatus: Failed, Action: Connecting, Result: Connection error	r, Advice: Try
Acquisition w has failed. S to reacquire team.	tatus: Failed, Action: Connecting, Result: Connection error the device. If the error persists, please submit log to the Pa	r, Advice: Try araben support
Acquisition w has failed. S to reacquire team.	tatus: Failed, Action: Connecting, Result: Connection error	r, Advice: Try araben support Actual
Acquisition w has failed. S to reacquire team.	tatus: Failed, Action: Connecting, Result: Connection error the device. If the error persists, please submit log to the Pa	r, Advice: Try araben support Actual Result Not as
Acquisition w has failed. S to reacquire team.	<pre>tatus: Failed, Action: Connecting, Result: Connection error the device. If the error persists, please submit log to the Pa Assertion &amp; Expected Result SPT-CA-01 Device connectivity via supported interfaces. SPT-CA-04 Readability and completeness of acquired data</pre>	r, Advice: Try araben support Actual Result
Acquisition w has failed. S to reacquire team.	<pre>tatus: Failed, Action: Connecting, Result: Connection error the device. If the error persists, please submit log to the Pa Assertion &amp; Expected Result 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.</pre>	r, Advice: Try araben support Actual Result Not as expected
Acquisition w has failed. S to reacquire team.	<pre>tatus: Failed, Action: Connecting, Result: Connection error the device. If the error persists, please submit log to the Pa Assertion &amp; Expected Result 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.</pre>	r, Advice: Try araben support Actual Result Not as expected NA Not as expected Not as expected
has failed. S	<pre>tatus: Failed, Action: Connecting, Result: Connection error the device. If the error persists, please submit log to the Pa Assertion &amp; Expected Result 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.</pre>	r, Advice: Try araben support Actual Result Not as expected Not as expected Not as expected Not as expected Not as expected
Acquisition w has failed. S to reacquire team.	<pre>tatus: Failed, Action: Connecting, Result: Connection error the device. If the error persists, please submit log to the Pa Assertion &amp; Expected Result 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.</pre>	r, Advice: Try araben support Actual Result Not as expected NA Not as expected Not as expected Not as expected Not as expected Not as
Acquisition w has failed. S to reacquire team.	<pre>tatus: Failed, Action: Connecting, Result: Connection error the device. If the error persists, please submit log to the Pa Assertion &amp; Expected Result 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</pre>	r, Advice: Try araben support Actual Result Not as expected Not as expected Not as expected Not as expected Not as expected

## 5.2.71 SPT-14 (Nokia 6790)

Case	SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).		
Summary:			
Assertions:	<pre>ns: 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).</pre>		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Tue Jul 27 14:17:55 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Tue Jul 27 14:17:55 EDT 2010		
	Acquisition finished: Tue Jul 27 14:18:58 EDT 2010		
	Media connectivity was established via supported inter	face	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-A0-01 SIM connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

## 5.2.72 SPT-15 (Nokia 6790)

Test Case SPT-	-15 Device Seizure 4.0	
Case Summary:	SPT-15 Attempt acquisition of a non-supported SIM.	
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a non- supported SIM then the tool shall notify the user that the SIM is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 27 14:19:31 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 27 14:19:31 EDT 2010 Acquisition finished: Tue Jul 27 14:20:16 EDT 2010 Identification of non-supported media was successful	
Results:	Assertion & Expected Result         Actual Result           SPT-A0-02 Identification of non-supported SIMs.         as expected	
Analysis:	Expected results achieved	

# 5.2.73 SPT-16 (Nokia 6790)

Test Case SPT	-16 Device Seizure 4.0	
Case	SPT-16 Begin SIM acquisition and interrupt connectivity by interface	
Summary:	disengagement.	
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 27 14:20:35 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 27 14:20:35 EDT 2010	
	Acquisition finished: Tue Jul 27 14:23:14 EDT 2010	
	Media acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-03 Notification of SIM acquisition disruption. as expected	
Analysis:	Expected results achieved	

# 5.2.74 SPT-17 (Nokia 6790)

Test Case SPT-	-17 Device Seizure 4.0	
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 IMSI shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 27 14:24:13 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 27 14:24:13 EDT 2010 Acquisition finished: Tue Jul 27 14:26:41 EDT 2010 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-04 Acquisition of SPN.	as expected
	SPT-AO-05 Acquisition of ICCID.	as expected
	SPT-AO-06 Acquisition of IMSI.	as expected
	SPT-AO-07 Acquisition of MSISDN.	as expected
Analysis:	Expected results achieved	

# 5.2.75 SPT-18 (Nokia 6790)

Test Case SPT	-18 Device Seizure 4.0		
Case	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers		
Summary:	(ADN).		
Assertions:	<ul> <li>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.</li> <li>SPT-A0-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.</li> <li>SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.</li> <li>SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.</li> </ul>		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 27 14:26:58 EDT 2010		
Device:	ATT SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log Highlights:	Created by Device Seizure Version 4.0		
HIGHIIGHUS.	Acquisition started: Tue Jul 27 14:26:58 EDT 2010 Acquisition finished: Tue Jul 27 14:29:21 EDT 2010 All ADNs were acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-08 Acquisition of ADNs.	as expected	
	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	
	SPT-AO-10 Acquisition of special character ADNs.	as expected	
	SPT-AO-11 Acquisition of blank name ADNs.	as expected	
Analysis:	Expected results achieved		

## 5.2.76 SPT-19 (Nokia 6790)

Test Case SPI	-19 Device Seizure 4.0	
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 Jul 27 14:29:41 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 27 14:29:41 EDT 201	
Acquisition finished: Tue Jul 27 14:30:16 EDT 2010		10
	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	

## 5.2.77 SPT-20 (Nokia 6790)

Test Case SPT	-20 Device Seizure 4.0	
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 SIM without error then ASCII SMS text messages shall be pre useable format. SPT-AO-15 If a cellular forensic tool completes acquisition SIM without error then ASCII EMS text messages shall be pre useable format.	sented in a of the target
	SPT-AO-16 If a cellular forensic tool completes acquisition SIM without error then the corresponding date/time stamps f messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition SIM without error then the corresponding status (i.e., read text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition SIM without error then the corresponding sender / recipient for text messages shall be presented in a useable format.	or all text of the target , unread) for of the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 27 14:30:47 EDT 2010	
Device:	ATT_SIM	
Source Setup:	OS: WIN XP Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 27 14:30:47 EDT 2010 Acquisition finished: Tue Jul 27 14:31:53 EDT 2010 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-14 Acquisition of SMS messages.	as expected
	SPT-AO-15 Acquisition of EMS messages.	as expected
	SPT-AO-16 Acquisition of text message date/time stamps.	as expected
	SPT-AO-17 Acquisition of text message status flags.	as expected
	SPT-A0-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

## 5.2.78 SPT-21 (Nokia 6790)

Case SPT-21 Acquire SIM memory and review recoverable deleted text messages		ext messages
Summary:	(SMS, EMS).	j
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 Jul 27 14:33:47 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 27 14:33:47 EDT 2010 Acquisition finished: Tue Jul 27 14:34:44 EDT 2010 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	

# 5.2.79 SPT-22 (Nokia 6790)

Test Case SPI	-22 Device Seizure 4.0		
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 Jul 27 14:35:00 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Tue Jul 27 14:35:00 EDT 201		
Acquisition finished: Tue Jul 27 14:37:54 EDT 2010		10	
	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		

## 5.2.80 SPT-23 (Nokia 6790)

Test Case SPI	-23 Device Seizure 4.0	
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.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 27 14:38:12 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 27 14:38:12 EDT 2010	
	Acquisition finished: Tue Jul 27 14:39:28 EDT 2010	
	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
Analysis:	Expected results achieved	

# 5.2.81 SPT-26 (Nokia 6790)

Test Case SPT	-26 Device Seizure 4.0	
Case	SPT-26 Acquire SIM memory and review reported data via supported generate	
Summary:	report formats.	
Assertions:	SPT-A0-25 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 Jul 27 14:43:50 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 27 14:43:50 EDT 2010	
	Acquisition finished: Tue Jul 27 14:46:15 EDT 2010	
	Complete representation of known data via generated reports	was successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via	as expected
	generated reports.	
	Expected results achieved	

## 5.2.82 SPT-27 (Nokia 6790)

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 without error then the tool shall present the acquired data format in a preview-pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 27 14:46:41 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Tue Jul 27 14:46:41 EDT 2010	
	Acquisition finished: Tue Jul 27 14:47:55 EDT 2010	
	Complete representation of known data via preview-pane was	successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via	as expected
	preview-pane.	

## 5.2.83 SPT-28 (Nokia 6790)

Test Case SPT	-28 Device Seizure 4.0	
Case Summary:	SPT-28 Attempt acquisition of a password-protected SIM.	
Assertions:	SPT-A0-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 27 14:48:29 EDT 2010	
Device:	ATT_SIM	
Source Setup:	OS: WIN XP Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 27 14:48:29 EDT 2010 Acquisition finished: Tue Jul 27 14:49:54 EDT 2010 Ability to enter PIN on protected media before acquisition was not successful <u>Notes</u> : The dialog box does not allow the user to proceed with the acquisition of SIM data after inputting the PIN. The "Next" button is not available for selection.	
Results:	Assertion & Expected Result         Actual Result           SPT-A0-28 Acquisition of password protected SIM.         as expected	
Analysis:	Expected results achieved	

### 5.2.84 SPT-30 (Nokia 6790)

Test Case SPT	-30 Device Seizure 4.0		
Case	SPT-30 After a successful SIM acquisition, alter the case file via	third-	
Summary:	party means and attempt to re-open the case.		
Assertions:	SPT-AO-27 If the case file or individual data objects are modified		
	third-party means then the tool shall provide protection mechanisms		
	disallowing or reporting data modification.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 27 14:50:59 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: USB		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Tue Jul 27 14:50:59 EDT 2010		
	Acquisition finished: Tue Jul 27 14:51:52 EDT 2010		
	Notification of modified SIM data was successful		
Results:			
	Assertion & Expected Result Actual Res	ult	
	SPT-AO-27 Notification of modified device case data. as expected	l	
Analysis:	Expected results achieved		

### 5.2.85 SPT-34 (Nokia 6790)

Test Case SPT	-34 Device Seizure 4.0	
Case	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.	
Summary:		
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 27 14:52:21 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: USB	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 27 14:52:21 EDT 2010 Acquisition finished: Tue Jul 27 14:54:06 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-40 Acquisition of non-ASCII address book entries/ADNs.	as expected
	SPT-A0-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

### 5.2.86 SPT-39 (Nokia 6790)

SPT-39 Acquire SIM memory and review hash values for vend	or supported data	
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.		
rpa		
Morrisy		
Tue Jul 27 14:54:27 EDT 2010		
ATT_SIM		
OS: WIN XP		
Interface: USB		
Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 27 14:54:27 EDT 2010 Acquisition finished: Tue Jul 27 14:55:38 EDT 2010 Hash values were properly reported for individually acquired SIM data elements		
Assertion & Expected Result	Actual Result	
SPT-AO-43 Acquire data, check known hash values for	as expected	
	data objects then the tool shall present the user with a each supported data object. rpa Morrisy Tue Jul 27 14:54:27 EDT 2010 ATT_SIM OS: WIN XP Interface: USB Created by Device Seizure Version 4.0 Acquisition started: Tue Jul 27 14:54:27 EDT 2010 Acquisition finished: Tue Jul 27 14:55:38 EDT 2010 Hash values were properly reported for individually acqui elements	

### 5.2.87 SPT-01 (HTC Touch Pro 2)

Test Case SPI	I-01 Device Seizure 4.0	
Case	SPT-01 Acquire mobile device internal memory over tool-support	ted interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for con- the target device then the tool shall successfully recognize is device via all vendor supported interfaces (e.g., cable, Bluer SPT-CA-04 If a cellular forensic tool completes acquisition of device without error then the tool shall have the ability to p 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 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 th of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with a "Select Individual" device data objects for acquisition then a 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 payle objects) on the mobile device shall remain consistent.	the target tooth, IrDA). f the target present w-pane or an "Acquire ll complete a "Select All" he acquisition the ability to the tool shall ve logical
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Jul 28 07:54:21 EDT 2010	
Device:	HTC_TouchPro2	
Source Setup:	OS: WIN XP Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 07:54:21 EDT 2010 Acquisition finished: Wed Jul 28 07:54:29 EDT 2010 Device connectivity was established via supported interface	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	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
Ame ]		
Analysis:	Expected results achieved	

### 5.2.88 SPT–02 (HTC Touch Pro 2)

Test Case SPT	-02 Device Seizure 4.0
Case	SPT-02 Attempt internal memory acquisition of a non-supported mobile
Summary:	device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non- supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jul 28 07:54:51 EDT 2010
Device:	unsupported_device
Source	OS: WIN XP
Setup:	Interface: cable
Log	Created by Device Seizure Version 4.0
Highlights:	Acquisition started: Wed Jul 28 07:54:51 EDT 2010
	Acquisition finished: Wed Jul 28 07:54:56 EDT 2010
	Identification of non-supported devices was successful
Results:	
	Assertion & Expected Result Actual Result
	SPT-CA-02 Identification of non-supported devices. as expected
Analysis:	Expected results achieved

### 5.2.89 SPT-03 (HTC Touch Pro 2)

Test Case SPT	-03 Device Seizure 4.0	
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 Jul 28 08:00:44 EDT 2010	
Device:	HTC_TouchPro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Wed Jul 28 08:00:44 EDT 2010	
	Acquisition finished: Wed Jul 28 08:12:24 EDT 2010	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-03 Notification of device acquisition disruption. as expected	
Analysis:	Expected results achieved	

### 5.2.90 SPT–04 (HTC Touch Pro 2)

Test Case SPT	-04 Device Seizure 4.0		
Case	SPT-04 Acquire mobile device internal memory and review reported data via		
Summary:	the preview-pane or generated reports for readability.		
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed Jul 28 08:12:44 EDT 2010		
Device:	HTC_TouchPro2		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Wed Jul 28 08:12:44 EDT 2010		
	Acquisition finished: Wed Jul 28 08:17:18 EDT 2010		
	Readability and completeness of acquired data was not successful		
	Notes: When acquiring memory image and filesystem data the data is only viewable through the sorter tab. No data is displayed in the case tab. When attempting to save the case file the following error occurs: Error, Unknow		
	error.		
Results:			
	Assertion & Expected Result	Actual	
		Result	
	SPT-CA-04 Readability and completeness of acquired data	Not as	
	via supported reports.	expected	
Ame loopint	Truncated were lta achieved		
Analysis:	Expected results achieved		

### 5.2.91 SPT-05 (HTC Touch Pro 2)

Test Case SPT	-05 Device Seizure 4.0		
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).		
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jul 28 08:23:26 EDT 2010		
Device:	HTC_TouchPro2		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 08:23:26 Acquisition finished: Wed Jul 28 08:30:39 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		

# 5.2.92 SPT-06 (HTC Touch Pro 2)

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	of the target
	device without error then address book entries shall be prese	ented in a
	useable format.	
	SPT-CA-08 If a cellular forensic tool completes acquisition of	of the target
	device without error then maximum length address book entries	s shall be
	presented in a useable format.	
	SPT-CA-09 If a cellular forensic tool completes acquisition of	
	device without error then address book entries containing spe	ecial
	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 bla	ank names shal
	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 add	iress book
	entries shall be presented in a useable format.	<b>c</b> . <b>1</b>
	SPT-CA-12 If a cellular forensic tool completes acquisition of	
	device without error then graphics associated with address be	ook entries
	shall be presented in a useable format.	<b>c</b> . <b>1</b>
	SPT-CA-13 If a cellular forensic tool completes acquisition of	-
	device without error then datebook, calendar, note entries sh	all 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:	200	
	rpa Morrisy	
Test Host: Test Date:	Wed Jul 28 08:31:01 EDT 2010	
Device:	HTC_TouchPro2	
	OS: WIN XP	
Source	Interface: cable	
Setup:		
Log	Created by Device Seizure Version 4.0	
Log Highlights:	Acquisition started: Wed Jul 28 08:31:01 EDT 2010	
HIGHLIGHLS.	Acquisition finished: Wed Jul 28 08:32:33 EDT 2010	
	ACQUISICION LINISNED. WED DUI 20 00.32.33 EDI 2010	
	Regular Length Address Book entries were acquired	
	Maximum Length Address Book entries were acquired	
	Special Character Address Book entries were acquired	
	Blank Name Address Book entries were acquire	
	Email addresses within Address Book entries were acquired	
	Embedded graphics within Address Book entries were not acquin	red
	Basic PIM related data was acquired	
	Maximum length PIM related data was not 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.	as evpected
	entries. SPT-CA-09 Acquisition of address book entries containing	as expected
	entries. SPT-CA-09 Acquisition of address book entries containing special characters.	_
	entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a	as expected as expected
	entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected
	entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within	_
	entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected as expected
	entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address	as expected as expected Not as
	entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected as expected Not as expected
	entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e.,	as expected as expected Not as
	<pre>entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</pre>	as expected as expected Not as expected as expected
	entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e.,	as expected as expected Not as expected

Test Case SPT	-06 Device Seizure 4.0
Analysis:	Partial results achieved

### 5.2.93 SPT–07 (HTC Touch Pro 2)

Test Case SPT	-07 Device Seizure 4.0	
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.	
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 08:33:32 EDT 2010	
Device:	HTC_TouchPro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Wed Jul 28 08:33:32 EDT 2010	
	Acquisition finished: Wed Jul 28 08:37:11 EDT 2010	
	All Call Logs (incoming, outgoing, missed) were acqui All Call Log date/time stamps data were correctly rep	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-15 Acquisition of call logs.	as expected
	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
		·
Analysis:	Expected results achieved	

### 5.2.94 SPT–08 (HTC Touch Pro 2)

Test Case SPT	-08 Device Seizure 4.0		
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 status (i.e., read, unread) for text messages shall be presented in a useable format.		
Tester Name:	: rpa		
Test Host:	Morrisy		
Test Date:	Wed Jul 28 08:37:51 EDT 2010		
Device:	HTC_TouchPro2		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 08:37:51 EDT 2010 Acquisition finished: Wed Jul 28 08:43:43 EDT 2010 Text messages were not acquired		
Results:		_	
	Assertion & Expected Result	Actual Result	
	SPT-CA-17 Acquisition of text messages.	Not as	
		expected	
	SPT-CA-18 Acquisition of text message date/time stamps.	NA	
	SPT-CA-19 Acquisition of text message status flags.	NA	
	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	NA	
Analysis:	Expected results Not achieved		

### 5.2.95 SPT-09 (HTC Touch Pro 2)

Test Case SPT	-09 Device Seizure 4.0	
Case	SPT-09 Acquire mobile device internal memory and review rep	orted MMS multi-
Summary:	media related data (i.e., text, audio, graphics, video).	
Assertions:		
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 08:44:19 EDT 2010	
Device:	HTC_TouchPro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Wed Jul 28 08:44:19 EDT 2010	
	Acquisition finished: Wed Jul 28 08:48:22 EDT 2010	
	Audio MMS messages were not acquired	
	Image MMS messages were not acquired	
	Video MMS messages were not acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-21 Acquisition of audio MMS messages.	Not as
		expected
	and the function of gradient and the gradient	Not as
	<u> </u>	expected
		Not as
		expected
Analysis:	Expected results Not achieved	

### 5.2.96 SPT–10 (HTC Touch Pro 2)

Test Case SPI	-10 Device Seizure 4.0	
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand- alone multi-media data (i.e., audio, graphics, video).	
Assertions:	tions: SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 08:48:45 EDT 2010	
Device:	HTC_TouchPro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 08:48:45 EDT 2010 Acquisition finished: Wed Jul 28 08:57:41 EDT 2010 Audio files were not acquired Image files were not acquired Video files were not acquired	
Results:	Assertion & Expected Result SPT-CA-24 Acquisition of stand-alone audio files. SPT-CA-25 Acquisition of stand-alone graphic files. SPT-CA-26 Acquisition of stand-alone video files.	Actual Result Not as expected Not as expected Not as expected
Analysis:	Expected results Not achieved	

### 5.2.97 SPT-11 (HTC Touch Pro 2)

Case	SPT-11 Acquire mobile device internal memory and review application related		
Summary:	data (i.e., word documents, spreadsheet, presentation documents).		
Assertions:	SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.		
Tester	rpa		
Name:	*		
Test Host:	Morrisy		
Test Date:	Wed Jul 28 08:58:00 EDT 2010		
Device:	HTC_TouchPro2		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Wed Jul 28 08:58:00 EDT 2010		
	Acquisition finished: Wed Jul 28 09:01:44 EDT 2010		
	Application data was not acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-27 Acquisition of application related data.	Not as expected	
Analysis:	Expected results Not achieved		

### 5.2.98 SPT-12 (HTC Touch Pro 2)

Test Case SPT	-12 Device Seizure 4.0	
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.	
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 09:02:06 EDT 2010	
Device:	HTC_TouchPro2	
Source Setup:	OS: WIN XP Interface: cable	
Log Highlights: Results:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 09:02:06 EDT 2010 Acquisition finished: Wed Jul 28 09:05:03 EDT 2010 All Internet related data was acquired	
	Assertion & Expected ResultActual ResultSPT-CA-28 Acquisition of Internet related data.as expected	
Analysis:	Expected results achieved	

### 5.2.99 SPT-13 (HTC Touch Pro 2)

Test Case SPT	-13 Device Seizure 4.0		
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 Jul 28 09:05:27 EDT 2010		
Device:	HTC_TouchPro2		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 09:05:27 EDT 2010 Acquisition finished: Wed Jul 28 09:07:25 EDT 2010 Acquire All acquisition was successful		
Results:		]	
	Assertion & Expected Result	Actual Result	
	SPT-CA-29 Acquire-All data objects acquisition.	as expected	
	SPT-CA-30 Select-All data objects acquisition.	as expected	
	SPT-CA-31 Select-Individual data objects acquisition.	as expected	
Analysis:	Expected results achieved		

### 5.2.100 SPT-24 (HTC Touch Pro 2)

Test Case SPT	-24 Device Seizure 4.0	
Case	SPT-24 Acquire mobile device internal memory and review re	ported data via
Summary:	supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 09:08:57 EDT 2010	
Device:	HTC_TouchPro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 09:08:57 EDT 2010 Acquisition finished: Wed Jul 28 09:11:45 EDT 2010 Complete representation of known data via generated reports was not successful <u>Notes</u> : When attempting to generate a report the following error occurs: Reporting error: Object reference not set to an instance of an object.	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via	Not as
	generated reports.	expected
Analysis:	Expected results Not achieved	
	Improved resures not define to	

### 5.2.101 SPT-25 (HTC Touch Pro 2)

Case	SPT-25 Acquire mobile device internal memory and review rep	orted data wia
Summary:	SPI-25 Acquire mobile device internal memory and review reported data via the preview pane. 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.	
Assertions:		
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 09:16:14 EDT 2010	
Device:	HTC_TouchPro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 09:16:14 EDT 2010 Acquisition finished: Wed Jul 28 09:18:29 EDT 2010 Complete representation of known data via preview-pane was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

### 5.2.102 SPT-29 (HTC Touch Pro 2)

Test Case SPT	-29 Device Seizure 4.0
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jul 28 09:18:57 EDT 2010
Device:	HTC_TouchPro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 09:18:57 EDT 2010 Acquisition finished: Wed Jul 28 09:22:57 EDT 2010 Notification of modified device memory data was successful
Results:	Assertion & Expected ResultActual ResultSPT-A0-27 Notification of modified device case data.as expected
Analysis:	Expected results achieved

### 5.2.103 SPT-31 (HTC Touch Pro 2)

Test Case SPT	-31 Device Seizure 4.0	
Case	SPT-31 Perform a physical acquisition and review data output	it for
Summary:	readability.	
Assertions:	SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 09:28:20 EDT 2010	
Device:	HTC_TouchPro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 09:28:20 EDT 2010	
	Acquisition finished: Wed Jul 28 09:29:25 EDT 2010 Physical Acquisition: readability and completeness was not successful Notes: Data acquired from performing the physical acquisition was not decoded.	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-31 Physical acquisition, data is presented in a useable format.	Not as expected
Analysis:	Expected results Not achieved	

### 5.2.104 SPT-33 (HTC Touch Pro 2)

Test Case SPT	-33 Device Seizure 4.0	
Case	SPT-33 Acquire mobile device internal memory and review dat	ta 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 Jul 28 09:23:52 EDT 2010	
Device:	HTC_TouchPro2	
Source Setup:	OS: WIN XP Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 09:23:52 EDT 2010 Acquisition finished: Wed Jul 28 09:26:03 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were not acquired	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	NA
Analysis:	Expected results achieved	

### 5.2.105 SPT-38 (HTC Touch Pro 2)

Case	SPT-38 Acquire mobile device internal memory and review h	ash 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 Jul 28 09:27:11 EDT 2010	
Device:	HTC_TouchPro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 09:27:11 EDT 2010 Acquisition finished: Wed Jul 28 09:27:46 EDT 2010 Hash values were properly reported for individually acquired device data elements	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

### 5.2.106 SPT-01 (Blackberry 9630)

	-01 Device Seizure 4.0	
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 con the target device then the tool shall successfully recognize to 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 p 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 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 th of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with t "Select Individual" device data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutiv acquisitions of the target device without error then the paylo objects) on the mobile device shall remain consistent.	the target tooth, IrDA). the target present y-pane or an "Acquire complete a "Select All" he acquisition the ability to the tool shall ye logical
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Jul 28 12:13:11 EDT 2010	
Device:	Blackberry_9630	
Source Setup:	OS: WIN XP Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 12:13:11 EDT 2010 Acquisition finished: Wed Jul 28 12:18:08 EDT 2010 Device connectivity was established via supported interface	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

### 5.2.107 SPT-02 (Blackberry 9630)

Test Case SPT	-02 Device Seizure 4.0
Case	SPT-02 Attempt internal memory acquisition of a non-supported mobile
Summary:	device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non- supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jul 28 12:18:38 EDT 2010
Device:	non_supported_device
Source	OS: WIN XP
Setup:	Interface: cable
Log	Created by Device Seizure Version 4.0
Highlights:	Acquisition started: Wed Jul 28 12:18:38 EDT 2010
	Acquisition finished: Wed Jul 28 12:19:45 EDT 2010
	Identification of non-supported devices was successful
Results:	
	Assertion & Expected Result Actual Result
	SPT-CA-02 Identification of non-supported devices. as expected
Analysis:	Expected results achieved

### 5.2.108 SPT-03 (Blackberry 9630)

Test Case SPI	-03 Device Seizure 4.0	
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 c tool is disrupted then the tool shall notify the user tha been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 12:22:40 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Wed Jul 28 12:22:40 EDT 2010	
	Acquisition finished: Wed Jul 28 12:30:46 EDT 2010	
	Device acquisition disruption notification was not succes	sful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-03 Notification of device acquisition	Not as
	disruption.	expected
Analysis:	Expected results Not achieved	

### 5.2.109 SPT-04 (Blackberry 9630)

Test Case SP	I-04 Device Seizure 4.0	
Case	SPT-04 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Jul 28 12:31:51 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Wed Jul 28 12:31:51 EDT 2010	
	Acquisition finished: Wed Jul 28 12:35:22 EDT 2010	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

### 5.2.110 SPT-05 (Blackberry 9630)

Test Case SPT	-05 Device Seizure 4.0	
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 com device without error then subscriber-rela in a useable format. SPT-CA-06 If a cellular forensic tool com device without error then equipment relat in a useable format.	ted information shall be presented pletes acquisition of the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 12:35:51 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 12:35:51 EDT 2010 Acquisition finished: Wed Jul 28 12:40:58 EDT 2010 IMEI, MEID/ESN were not acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-05 Acquisition of MSISDN, IMSI.	Not as expected
	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	Not as expected
Analysis:	Expected results Not achieved	

### 5.2.111 SPT-06 (Blackberry 9630)

Case	-06 Device Seizure 4.0 SPT-06 Acquire mobile device internal memory and review repo	rted PIM
Summary:	related data.	
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition	of the target
110001010110	device without error then address book entries shall be pres	9
	useable format.	chicca in a
	SPT-CA-08 If a cellular forensic tool completes acquisition	of the target
	device without error then maximum length address book entrie	
	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 the target
	device without error then address book entries containing bl	ank names shal
	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 ad	dress book
	entries shall be presented in a useable format.	
	SPT-CA-12 If a cellular forensic tool completes acquisition	
	device without error then graphics associated with address b	ook entries
	shall be presented in a useable format.	
	SPT-CA-13 If a cellular forensic tool completes acquisition	-
	device without error then datebook, calendar, note entries s	nall be
	presented in a useable format.	. C. L.L
	SPT-CA-14 If a cellular forensic tool completes acquisition	
	device without error then maximum length datebook, calendar,	note entries
	shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 12:41:36 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
<b>-</b>		
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Wed Jul 28 12:41:36 EDT 2010	
5 5	Acquisition finished: Wed Jul 28 13:07:25 EDT 2010	
	Regular Length Address Book entries were acquired	
	Maximum Length Address Book entries were acquired	
	Special Character Address Book entries were acquired	
	Blank Name Address Book entries were acquire	
	Email addresses within Address Book entries were acquired	
	Embedded graphics within Address Book entries were not acqui	red
	ALL PIM related data was acquired	
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-CA-07 Acquisition of address book entries.	as expected
	SPT-CA-08 Acquisition of maximum length address book	as expected
	entries.	as expected
	SPT-CA-09 Acquisition of address book entries containing	as expected
	special characters.	up creeced
	SPT-CA-10 Acquisition of address book entries containing a	as expected
	blank name entry.	as expected
	SPT-CA-11 Acquisition of embedded email addresses within	as expected
	address book entries.	as expected
	SPT-CA-12 Acquisition of embedded graphics within address	Not as
		Not as
	book entries. SPT-CA-13 Acquisition of PIM data (i.e.,	expected
		as expected
		ab enpeeced
	datebook/calendar, notes). SPT-CA-14 Acquisition of maximum length PIM data.	as expected

Test Case SPT	-06 Device Seizure 4.0
Analysis:	Partial results achieved

# 5.2.112 SPT-07 (Blackberry 9630)

Test Case SPI	-07 Device Seizure 4.0	
Case Summary:	SPT-07 Acquire mobile device internal memory and revi	ew reported call logs.
Assertions:	SPT-CA-15 If a cellular forensic tool completes acqui device without error then call logs (incoming/outgoin 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	g/missed) shall be sition of the target stamps and the
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 13:34:04 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Wed Jul 28 13:34:04 EDT 2010	
Acquisition finished: Wed Jul 28 13:39:59 EDT 2010		
	All Call Logs (incoming, outgoing, missed) were acqui All Call Log date/time stamps data were correctly rep	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-15 Acquisition of call logs.	as expected
	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
Analysis:	Expected results achieved	

### 5.2.113 SPT-08 (Blackberry 9630)

Test Case SPT	-08 Device Seizure 4.0	
Case	SPT-08 Acquire mobile device internal memory and review repor	ted text
Summary:	messages.	
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition of device without error then ASCII text messages (i.e., SMS, EMS presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition of device without error then the corresponding date/time stamps messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition of device without error then the corresponding status (i.e., rea text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition of device without error then the corresponding sender / recipier numbers for text messages shall be presented in a useable form	s) shall be of the target for text of the target ad, unread) for of the target at phone
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 13:41:18 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 13:41:18 EDT 2010 Acquisition finished: Wed Jul 28 13:42:14 EDT 2010 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-17 Acquisition of text messages.	as expected
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected
	SPT-CA-19 Acquisition of text message status flags.	as expected
	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

### 5.2.114 SPT-09 (Blackberry 9630)

Test Case SPT	-09 Device Seizure 4.0	
Case	SPT-09 Acquire mobile device internal memory and review m	reported MMS multi-
Summary:	media related data (i.e., text, audio, graphics, video).	
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisitidevice without error then MMS messages and associated aud presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisitidevice without error then MMS messages and associated grabe presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisitidevice without error then MMS messages and associated yield device without error then MMS messages and associated vice presented in a useable format.	on of the target lio shall be on of the target aphic files shall on of the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 13:42:46 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Wed Jul 28 13:42:46 EDT 2010	
	Acquisition finished: Wed Jul 28 13:46:44 EDT 2010	
	Destrict and a MMC many service and service a	
	Partial audio MMS messages were acquired Partial image MMS messages were acquired	
	Partial video MMS messages were acquired	
	Partial video MMS messages were acquired	
	Notes:	
	The attached audio, video and graphics files were not acc	quired.
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-CA-21 Acquisition of audio MMS messages.	Partial
	SPT-CA-22 Acquisition of graphic data image MMS	Partial
	messages.	
	SPT-CA-23 Acquisition of video MMS messages.	Partial
Analysis:	Partial results achieved	
muutysts.	TATCIAL TODATO ACHIEVEA	

### 5.2.115 SPT-10 (Blackberry 9630)

Test Case SPI	-10 Device Seizure 4.0	
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand- alone multi-media data (i.e., audio, graphics, video).	
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 13:47:52 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 13:47:52 EDT 2010 Acquisition finished: Wed Jul 28 13:49:50 EDT 2010 Audio files were not acquired Image files were not acquired Video files were not acquired	
Results:	Assertion & Expected Result SPT-CA-24 Acquisition of stand-alone audio files. SPT-CA-25 Acquisition of stand-alone graphic files. SPT-CA-26 Acquisition of stand-alone video files.	Actual Result Not as expected Not as expected Not as expected
Analysis:	Expected results Not achieved	

### 5.2.116 SPT-11 (Blackberry 9630)

Summary: data Assertions: SPT- devi acqu appl Tester rpa Name: Test Host: Morr Test Date: Wed Device: Blac Source OS: Setup: Inte Log Crea Highlights: Acqu	<pre>11 Acquire mobile device internal memory and rev (i.e., word documents, spreadsheet, presentatio CA-27 If a cellular forensic tool completes acqu ce without error then device specific applicatio ired and presented in a useable format via eithe ication or suggested third-party application.</pre>	on documents). Misition of the target on related data shall b
Assertions: SPT- devi acqu appl Tester rpa Name: rpa Test Host: Morr Test Date: Wed Device: Blac Source OS: Setup: Inte Log Crea Highlights: Acqu	CA-27 If a cellular forensic tool completes acqu ce without error then device specific applicatio ired and presented in a useable format via eithe ication or suggested third-party application. isy Jul 28 13:50:39 EDT 2010 kberry_9630 WIN XP rface: cable	disition of the target on related data shall b
Name: Test Host: Morr Test Date: Wed Device: Blac Source OS: Setup: Inte Log Crea Highlights: Acqu Acqu	Jul 28 13:50:39 EDT 2010 kberry_9630 WIN XP rface: cable	
Test Host: Morr Test Date: Wed Device: Blac Source OS: Setup: Inte Log Crea Highlights: Acqu Acqu	Jul 28 13:50:39 EDT 2010 kberry_9630 WIN XP rface: cable	
Test Date: Wed Device: Blac Source OS: Setup: Inte Log Crea Highlights: Acqu Acqu	Jul 28 13:50:39 EDT 2010 kberry_9630 WIN XP rface: cable	
Device: Blac Source OS: Setup: Inte Log Crea Highlights: Acqu Acqu	kberry_9630 WIN XP rface: cable	
Source OS: Setup: Inte Log Crea Highlights: Acqu Acqu	WIN XP rface: cable	
Setup: Inte Log Crea Highlights: Acqu Acqu	rface: cable	
Log Crea Highlights: Acqu Acqu		
Highlights: Acqu Acqu	ted by Device Seizure Version 4 0	
Acqu	LEG DY DEVICE SEIZULE VELSION 4.0	
-	isition started: Wed Jul 28 13:50:39 EDT 2010	
Appl	isition finished: Wed Jul 28 13:52:01 EDT 2010	
	ication data was not acquired	
Results:		
Ass	ertion & Expected Result	Actual Result
SPI	-CA-27 Acquisition of application related data.	Not as expected
Analysis: Expe	cted results Not achieved	

### 5.2.117 SPT-12 (Blackberry 9630)

Test Case SPT	-12 Device Seizure 4.0	
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.	
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 13:53:50 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 13:53:50 EDT 2010 Acquisition finished: Wed Jul 28 13:55:12 EDT 2010 Internet related data was not acquired	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-28 Acquisition of Internet related data. Not as expected	
Analysis:	Expected results Not achieved	

# 5.2.118 SPT-13 (Blackberry 9630)

Test Case SPT	-13 Device Seizure 4.0		
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 Jul 28 13:55:42 EDT 2010		
Device:	Blackberry_9630		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 13:55:42 EDT 2010 Acquisition finished: Wed Jul 28 14:03:40 EDT 2010		
	Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-29 Acquire-All data objects acquisition.	as expected	
	SPT-CA-30 Select-All data objects acquisition.	as expected	
	SPT-CA-31 Select-Individual data objects acquisition.	as expected	
Analysis:	Expected results achieved		

### 5.2.119 SPT-24 (Blackberry 9630)

Case	SPT-24 Acquire mobile device internal memory and review reported data via		
Summary:	supported generated report formats.		
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jul 28 14:05:59 EDT 2010		
Device:	Blackberry_9630		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Wed Jul 28 14:05:59 EDT 2010		
	Acquisition finished: Wed Jul 28 14:09:54 EDT 2010		
	Complete representation of known data via generated reports	s was successfu	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-25 Comparison of known device data elements via	as expected	
	generated reports.		
Analysis:	Expected results achieved		

### 5.2.120 SPT-25 (Blackberry 9630)

Case	CDT 25 Acquire mehile device internal memory and review ret	orted data wia
	SPT-25 Acquire mobile device internal memory and review reported data via	
Summary: Assertions:	<pre>the preview pane. SPT-A0-26 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.</pre>	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 14:10:23 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 14:10:23 EDT 2010 Acquisition finished: Wed Jul 28 14:12:48 EDT 2010 Complete representation of known data via preview-pane was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

### 5.2.121 SPT-29 (Blackberry 9630)

Test Case SPT	-29 Device Seizure 4.0	
Case	SPT-29 After a successful mobile device internal memory, alter the case	
Summary:	file via third-party means and attempt to re-open the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms	
	disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 28 14:13:19 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Wed Jul 28 14:13:19 EDT 2010	
	Acquisition finished: Wed Jul 28 14:16:56 EDT 2010	
	Notification of modified device memory data was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-27 Notification of modified device case data. as expected	
Analysis:	Expected results achieved	

# 5.2.122 SPT-33 (Blackberry 9630)

Test Case SPT	-33 Device Seizure 4.0	
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 Jul 28 14:17:21 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 14:17:21 EDT 2010 Acquisition finished: Wed Jul 28 14:21:11 EDT 2010 Non-ASCII Address book entries were not acquired Non-ASCII text messages were not acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book	Not as
	entries/ADNs.	expected Not as
	SPT-AO-41 Acquisition of non-ASCII text messages.	Not as expected
		expected
Analysis:	Expected results Not achieved	

### 5.2.123 SPT-38 (Blackberry 9630)

Case	SPT-38 Acquire mobile device internal memory and review h	ash 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 Jul 28 14:26:17 EDT 2010	
Device:	Blackberry_9630	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Wed Jul 28 14:26:17 EDT 2010 Acquisition finished: Wed Jul 28 14:28:11 EDT 2010 Hash values were properly reported for individually acquired device data elements	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

### 5.2.124 SPT-01 (Palm pixi)

Test Case SP1	-01 Device Seizure 4.0	
Case	SPT-01 Acquire mobile device internal memory over tool-support	ted interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for con- the target device then the tool shall successfully recognize a device via all vendor supported interfaces (e.g., cable, Blued SPT-CA-04 If a cellular forensic tool completes acquisition of device without error then the tool shall have the ability to p 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 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 th of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with a "Select Individual" device data object for acquisition then a acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool provides the user with a acquise the user with a big of the target device without error.	the target tooth, IrDA). If the target present w-pane or an "Acquire 11 complete a "Select All" ne acquisition the ability to the tool shall we logical
	objects) on the mobile device shall remain consistent.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Thu Jul 29 12:42:53 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 12:42:53 EDT 2010 Acquisition finished: Thu Jul 29 12:44:54 EDT 2010 Device connectivity was established via supported interface	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	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	

# 5.2.125 SPT-02 (Palm pixi)

Test Case SPT	-02 Device Seizure 4.0
Case	SPT-02 Attempt internal memory acquisition of a non-supported mobile
Summary:	device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non- supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Jul 29 12:45:37 EDT 2010
Device:	non_supported_device
Source	OS: WIN XP
Setup:	Interface: cable
Log	Created by Device Seizure Version 4.0
Highlights:	Acquisition started: Thu Jul 29 12:45:37 EDT 2010
	Acquisition finished: Thu Jul 29 12:47:22 EDT 2010
	Identification of non-supported devices was successful
Results:	
	Assertion & Expected Result Actual Result
	SPT-CA-02 Identification of non-supported devices. as expected
Analysis:	Expected results achieved
AHALYSIS.	Expected results achieved

# 5.2.126 SPT-03 (Palm pixi)

Test Case SPT.	-03 Device Seizure 4.0	
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 Jul 29 12:47:45 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Loq	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Thu Jul 29 12:47:45 EDT 2010	
5 5	Acquisition finished: Thu Jul 29 12:55:04 EDT 2010	
	Device acquisition disruption notification was successful	
	Device deguisition distribution notification was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-03 Notification of device acquisition disruption. as expected	
	Let a state active acti	
Analysis:	Expected results achieved	

### 5.2.127 SPT-04 (Palm pixi)

Test Case SPI	-04 Device Seizure 4.0	
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 Jul 29 12:55:41 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by Device Seizure Version 4.0	
Highlights:	Acquisition started: Thu Jul 29 12:55:41 EDT 2010	
	Acquisition finished: Thu Jul 29 13:01:01 EDT 2010	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

# 5.2.128 SPT-05 (Palm pixi)

Test Case SPT	-05 Device Seizure 4.0	
Case Summary:	SPT-05 Acquire mobile device internal mem and equipment related information (e.g.,	
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 Jul 29 13:01:20 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 13:01:20 Acquisition finished: Thu Jul 29 13:07:07	
	IMEI, MEID/ESN were not acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-05 Acquisition of MSISDN, IMSI.	Not as expected
	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	Not as expected
Analysis:	Expected results Not achieved	

### 5.2.129 SPT-06 (Palm pixi)

Case	-06 Device Seizure 4.0 SPT-06 Acquire mobile device internal memory and review repo	rted DIM	
Summary:	related data.		
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition	of the target	
nober erono ·	device without error then address book entries shall be pres		
	useable format.		
	SPT-CA-08 If a cellular forensic tool completes acquisition	of the target	
	device without error then maximum length address book entrie	s shall be	
	presented in a useable format.		
	SPT-CA-09 If a cellular forensic tool completes acquisition	-	
	device without error then address book entries containing sp	ecial	
	characters shall be presented in a useable format.	<b>C</b> . <b>1</b>	
	SPT-CA-10 If a cellular forensic tool completes acquisition device without error then address book entries containing bl.		
	be presented in a useable format.	ank names snal	
	SPT-CA-11 If a cellular forensic tool completes acquisition	of the target	
	device without error then email addresses associated with ad	-	
	entries shall be presented in a useable format.		
	SPT-CA-12 If a cellular forensic tool completes acquisition	of the target	
	device without error then graphics associated with address b		
	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 s	hall be	
	presented in a useable format.		
	SPT-CA-14 If a cellular forensic tool completes acquisition	9	
	device without error then maximum length datebook, calendar,	note entries	
	shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jul 29 13:07:35 EDT 2010		
Device:	Palm_pixi		
Source	OS: WIN XP		
Setup:	Interface: cable		
-			
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Thu Jul 29 13:07:35 EDT 2010		
	Acquisition finished: Thu Jul 29 13:11:43 EDT 2010		
	Regular Length Address Book entries were acquired		
	Maximum Length Address Book entries were acquired		
	Special Character Address Book entries were acquired Blank Name Address Book entries were acquire		
	Email addresses within Address Book entries were acquired		
	Embedded graphics within Address Book entries were not acqui	red	
	ALL PIM related data was acquired	200	
Results:		-	
	Assertion & Expected Result	Actual	
		Result	
	SPT-CA-07 Acquisition of address book entries.	as expected	
	SPT-CA-08 Acquisition of maximum length address book	as expected	
	entries.		
	SPT-CA-09 Acquisition of address book entries containing	as expected	
	special characters. SPT-CA-10 Acquisition of address book entries containing a		
		as expected	
	blank name entry. SPT-CA-11 Acquisition of embedded email addresses within		
	address book entries.	as expected	
		Not an	
	SPT-CA-12 Acquisition of embedded graphics within address book entries.	Not as	
	SPT-CA-13 Acquisition of PIM data (i.e.,	expected as expected	
	DET-CA-ID ACQUIDICION OF FIM GALA (I.C.,	as expected	
	datebook/calendar_notes)		
	datebook/calendar, notes). SPT-CA-14 Acquisition of maximum length PIM data.	as expected	

Test Case SPT	-06 Device Seizure 4.0
Analysis:	Partial results achieved

# 5.2.130 SPT-07 (Palm pixi)

Test Case SPT	-07 Device Seizure 4.0	
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 device without error then call logs (incoming/outgoin 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	g/missed) shall be sition of the target stamps and the
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 29 13:12:44 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 13:12:44 EDT 2010 Acquisition finished: Thu Jul 29 13:15:16 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported <u>Notes</u> : The duration of the call is not specified if it is seconds, minutes, or hours.	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-15 Acquisition of call logs.	Partial
	SPT-CA-16 Acquisition of call log date/time stamps.	Partial
Analysis:	Partial results achieved	

## 5.2.131 SPT-08 (Palm pixi)

Test Case SDT	-08 Device Seizure 4.0	
Case	SPT-08 Acquire mobile device internal memory and review repor	ted text
Summary:	messages.	
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition of device without error then ASCII text messages (i.e., SMS, EMS presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition of device without error then the corresponding date/time stamps messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition of device without error then the corresponding status (i.e., rea text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition of device without error then the corresponding sender / recipien numbers for text messages shall be presented in a useable for	) shall be f the target for text f the target d, unread) for f the target t phone
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 29 13:15:58 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
becup.		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 13:15:58 EDT 2010 Acquisition finished: Thu Jul 29 13:21:58 EDT 2010 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messa correctly reported	ges were
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-CA-17 Acquisition of text messages.	as expected
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected
	SPT-CA-19 Acquisition of text message status flags.	as expected
	SPT-CA-20 Acquisition of sender/recipient phone number	as expected
	associated with text messages.	
Analysis:	Expected results achieved	
- ·-		

# 5.2.132 SPT-09 (Palm pixi)

Test Case SPT	-09 Device Seizure 4.0	
Case	SPT-09 Acquire mobile device internal memory and review :	reported MMS multi-
Summary:	media related data (i.e., text, audio, graphics, video).	
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated yill be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 29 13:23:35 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 13:23:35 EDT 2010 Acquisition finished: Thu Jul 29 13:27:03 EDT 2010 Audio MMS messages were not acquired Image MMS messages were not acquired Video MMS messages were not acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-21 Acquisition of audio MMS messages.	Not as expected
	SPT-CA-22 Acquisition of graphic data image MMS messages.	Not as expected
	SPT-CA-23 Acquisition of video MMS messages.	Not as expected
Analysis:	Expected results Not achieved	

# 5.2.133 SPT-10 (Palm pixi)

Test Case SPI	-10 Device Seizure 4.0		
Case	SPT-10 Acquire mobile device internal memory and review reported stand-		
Summary:	alone multi-media data (i.e., audio, graphics, video)		
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone yield third-party application.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Jul 29 13:29:18 EDT 2010		
Device:	Palm_pixi		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Thu Jul 29 13:29:18 EDT 2010		
	Acquisition finished: Thu Jul 29 13:32:32 EDT 2010		
	ALL stand-alone data files (Audio, Image, Video) were	acquired	
Results:		1	
	Assertion & Expected Result	Actual Result	
	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	
	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	
	SPT-CA-26 Acquisition of stand-alone video files.	as expected	
Analysis:	Expected results achieved		

### 5.2.134 SPT-11 (Palm pixi)

Test Case SP	I-11 Device Seizure 4.0		
Case Summary:	SPT-11 Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).		
Assertions:	SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jul 29 13:32:53 EDT 2010		
Device:	Palm_pixi		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 13:32:53 EDT 2010 Acquisition finished: Thu Jul 29 13:34:43 EDT 2010		
	Application data was not acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-27 Acquisition of application related data.	Not as expected	
Analysis:	Expected results Not achieved		

# 5.2.135 SPT-12 (Palm pixi)

Test Case SPT	-12 Device Seizure 4.0		
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.		
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jul 29 13:34:59 EDT 2010		
Device:	Palm_pixi		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Thu Jul 29 13:34:59 EDT 2010		
	Acquisition finished: Thu Jul 29 13:37:05 EDT 201	0	
	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		

# 5.2.136 SPT-13 (Palm pixi)

Test Case SPT	-13 Device Seizure 4.0		
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	supported data elements.		
Assertions:	SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jul 29 13:37:21 EDT 2010		
Device:	Palm_pixi		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by Device Seizure Version 4.0		
Highlights:	Acquisition started: Thu Jul 29 13:37:21 EDT 2010		
	Acquisition finished: Thu Jul 29 13:39:20 EDT 2010		
	Select All acquisition was successful		
Results:			
	Assertion & Expected Result Actual Result		
	SPT-CA-30 Select-All data objects acquisition. as expected		
Analysis:	Expected results achieved		

# 5.2.137 SPT-24 (Palm pixi)

Test Case SPT	-24 Device Seizure 4.0	
Case	SPT-24 Acquire mobile device internal memory and review reported data via	
Summary:	supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition device without error then the tool shall present the acquir useable format via supported generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 29 13:39:59 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 13:39:59 EDT 2010 Acquisition finished: Thu Jul 29 13:57:07 EDT 2010 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	

# 5.2.138 SPT-25 (Palm pixi)

Test Case SPT	-25 Device Seizure 4.0	
Case	SPT-25 Acquire mobile device internal memory and review repo	orted data via
Summary:	the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition device without error then the tool shall present the acquire useable format in a preview-pane view.	-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 29 13:57:42 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 13:57:42 EDT 2010 Acquisition finished: Thu Jul 29 13:58:41 EDT 2010 Complete representation of known data via preview-pane was s	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	
AHALYSIS.	Expected results achieved	

### 5.2.139 SPT-29 (Palm pixi)

Test Case SPT	-29 Device Seizure 4.0	
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 29 13:59:11 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 13:59:11 EDT 2010 Acquisition finished: Thu Jul 29 14:01:26 EDT 2010 Notification of modified device memory data was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-27 Notification of modified device case data. as expected	
Analysis:	Expected results achieved	

### 5.2.140 SPT-33 (Palm pixi)

Test Case SPT	-33 Device Seizure 4.0		
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 Jul 29 14:01:59 EDT 2010		
Device:	Palm_pixi		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 14:01:59 EDT 2010 Acquisition finished: Thu Jul 29 14:05:28 EDT 2010 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/ADNs.	as expected	
	SPT-A0-41 Acquisition of non-ASCII text messages.	as expected	
Analysis:	Expected results achieved		

### 5.2.141 SPT-38 (Palm pixi)

Test Case SPT	-38 Device Seizure 4.0	
Case	SPT-38 Acquire mobile device internal memory and review hash values for	
Summary:	vendor supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 29 14:06:08 EDT 2010	
Device:	Palm_pixi	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights:	Created by Device Seizure Version 4.0 Acquisition started: Thu Jul 29 14:06:08 EDT 2010 Acquisition finished: Tue Jul 29 14:09:04 EDT 2010 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	

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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.
- 3. 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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