



EnCase Smartphone Examiner v7.0.3

Test Results for Mobile Device Acquisition Tool

April 18, 2013



**Homeland
Security**

Science and Technology

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Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the National Institute of Justice (NIJ), the Department of Homeland Security Science and Technology Directorate (DHS S&T), and the National Institute of Standards and Technology Law Enforcement Standards Office (OLES) and Information Technology Laboratory (ITL). CFTT is supported by other organizations, including the Federal Bureau of Investigation, the U.S. Department of Defense Cyber Crime Center, U.S. Internal Revenue Service Criminal Investigation Division Electronic Crimes Program, the U.S. Department of Homeland Security's Bureau of Immigration and Customs Enforcement, U.S. Customs and Border Protection and U.S. Secret Service, the Naval Postgraduate School, the National White Collar Crime Center, the Commodities Future Trading Commission, the U.S. Postal Service and the Securities and Exchange Commission. The objective of the CFTT program is to provide measurable assurance to practitioners, researchers, and other applicable users that the tools used in computer forensics investigations provide accurate results. Accomplishing this requires the development of specifications and test methods for computer forensics tools and subsequent testing of specific tools against those specifications.

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

This document reports the results from testing EnCase Smartphone Examiner version 7.0.3 against the *Smart Phone Tool Test Assertions and Test Plan*, available at the CFTT Web site (www.cftt.nist.gov/mobile_devices.htm).

Test results from other tools 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, discuss any anomalies that were encountered and provide documentation of test case run details that support the report summary. Section 2 gives justification for the selection of test cases from the set of possible cases defined in the test plan for smart phone forensic tools. The test cases are selected, in general, based on features offered by the tool. Section 3 describes in more depth any anomalies summarized in the first section. Section 4 lists hardware and software used to run the test cases. Section 5 contains a

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

Test Results for Mobile Device Data Acquisition Tool

Tool Tested: EnCase Smartphone Examiner

Version: 7.03

Run Environment: Microsoft Windows XP v5.1.2600

Supplier: Guidance Software, Inc.

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1 Results Summary

Smartphone Examiner is designed for logical and physical acquisitions, data analysis and report management from mobile phones, smartphones and Subscriber Identity Modules (SIM).

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

Device acquisition disruption:

- When connectivity was interrupted, the tool failed to notify the user that the acquisition had been disrupted. (iPhone4 GSM, Nokia N95)

Personal Information Management (PIM) data:

- Calendar entries were not acquired. (BlackBerry Torch)

Call logs:

- Call log data: incoming, outgoing, and missed calls were not acquired. Some call data may be located in "recent contacts" (BlackBerry Torch)

SIM acquisition disruption:

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

Generated report data:

- For physical acquisitions only graphic files are reported in the generated report. (HTC Thunderbolt)

Acquisition of PIN protected SIMs:

- The tool does not prompt the user to enter the SIM PIN before acquisition begins. (SIMs)

Non-ASCII characters:

- Text messages containing the non-ASCII character ‘é’ were reported as ‘|’. (BlackBerry Torch)

PIN attempts:

- The remaining number of PIN attempts were not displayed. (SIMs)

Refer to sections 3.1 – 3.8 for additional details.

2 Test Case Selection

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

Table 1a: Selected Test Cases (iPhone4 GSM)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-12, SPT-13
Acquire SIM memory over supported interfaces (e.g., 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	SPT-21

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

Table 2a: Omitted Test Cases (iPhone4 GSM)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT-11
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
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	SPT-36

Unsupported Optional Feature	Cases omitted - not executed
an incorrect value.	
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

Table 1b: Selected Test Cases (BlackBerry Torch)

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

Supported Optional Feature	Cases Selected for Execution
the case.	
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT-30
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT-38
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39

Table 2b: Omitted Test Cases (BlackBerry Torch)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).	SPT-10
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT-11
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 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

Table 1c: Selected Test Cases (Nokia N95)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-08, SPT-10, SPT-12, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14

Supported Optional Feature	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 mobile device internal memory and review reported data via supported generated report formats.	SPT-24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT-25
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT-29
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT-30
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT-38
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39

Table 2c: Omitted Test Cases (Nokia N95)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review reported call logs.	SPT-07
Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).	SPT-09
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT-11
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
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

Table 1d: Selected Test Cases (iPhone4 CDMA)

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

Table 2d: Omitted Test Cases (iPhone4 CDMA)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT-11
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14

Unsupported Optional Feature	Cases omitted - not executed
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 mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

Table 1e: Selected Test Cases (HTC Thunderbolt)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-11, SPT-12, SPT-13
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT-24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT-25
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT-29
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT-38

Table 2e: Omitted Test Cases (HTC Thunderbolt)

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).	SPT-10
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

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

3 Results by Test Assertion

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

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

Table 3a: Assertions Tested (iPhone4 GSM)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.	1	
SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	3.1

Assertions Tested	Tests	Anomaly
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.	1	
SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text	1	

Assertions Tested	Tests	Anomaly
messages shall be presented in a useable format.		
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.	1	
SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-01 If a cellular forensic tool provides support for connectivity	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-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	3.4
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.	1	
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.	1	
SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.	1	
SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text	1	

Assertions Tested	Tests	Anomaly
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.	1	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.	2	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	3.6
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	3.8
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	2	
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in	2	

Assertions Tested	Tests	Anomaly
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	2	

Table 3b: Assertions Tested: (BlackBerry Torch)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.	1	
SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.	1	
SPT-CA-13 If a cellular forensic tool completes acquisition of the target	1	3.2

Assertions Tested	Tests	Anomaly
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.	1	
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	3.3
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.	1	
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	

Assertions Tested	Tests	Anomaly
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	3.4
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.	1	
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.	1	
SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.	1	
SPT-AO-16 If a cellular forensic tool completes acquisition of the target	1	

Assertions Tested	Tests	Anomaly
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.	1	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.	2	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	3.6
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	3.8
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	2	
SPT-AO-41 If the cellular forensic tool supports proper display of non-	2	3.7

Assertions Tested	Tests	Anomaly
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 data objects then the tool shall present the user with a hash value for each supported data object.	2	

Table 3c: Assertions Tested: (Nokia N95)

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

Assertions Tested	Tests	Anomaly
SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data	1	

Assertions Tested	Tests	Anomaly
objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	3.4
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.	1	
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.	1	
SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.	1	
SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.	2	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	3.6
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	3.8
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	2	

Assertions Tested	Tests	Anomaly
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	2	
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	2	

Table 3d: Assertions Tested: (iPhone4 CDMA)

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

Assertions Tested	Tests	Anomaly
shall be presented in a useable format.		
SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.	1	
SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party	1	

Assertions Tested	Tests	Anomaly
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.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	
SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	1	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	1	
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	

Table 3e: Assertions Tested: (HTC Thunderbolt)

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

Assertions Tested	Tests	Anomaly
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.	1	
SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.	1	
SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	3.5
SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	1	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	1	
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.	1	
SPT-AO-32 If the cellular forensic tool supports the interpretation of	1	

Assertions Tested	Tests	Anomaly
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.	1	
SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.	1	
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.	1	
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.	1	
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format.	1	
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	1	
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	

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

Table 4a: Assertions Not Tested (iPhone4 GSM)

Assertions Not Tested
SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT-AO-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.

Assertions Not Tested
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 4b: Assertions Not Tested (BlackBerry Torch)

Assertions Not Tested
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-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

Assertions Not Tested
useable format via either an internal application or suggested third-party application.
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 N95)

Assertions Not Tested
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.

Assertions Not Tested
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT-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 (iPhone4 CDMA)

Assertions Not Tested
SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
SPT-AO-02 If a cellular forensic tool attempts to connect to a 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.

Assertions Not Tested
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

Assertions Not Tested
on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

Table 4e: Assertions Not Tested (HTC Thunderbolt)

Assertions Not Tested
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-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without

Assertions Not Tested
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

Assertions Not Tested
the examiner with the opportunity to input the PIN before acquisition.
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

The following sections provide detailed information for the anomalies from Tables 3a – 3e.

3.1 Notification of device acquisition disruption

Notification of device acquisition disruption was not successful in test case SPT-03 for the iPhone4 GSM and Nokia N95. The acquisition was disrupted by removing the cable from the mobile device. Instead of informing the examiner that connectivity with the mobile device had been disrupted, the tool appeared to continue acquiring the contents of the mobile device.

3.2 Acquisition of Personal Information Management (PIM) data

For test case SPT-06, Personal Information Management (PIM) data i.e., calendar entries, were not reported for the BlackBerry Torch.

3.3 Acquisition of call log data

For test case SPT-07, incoming, outgoing and missed calls were not reported for the BlackBerry Torch. Some call data may be located in “recent contacts”.

3.4 Notification of SIM acquisition disruption

Notification of SIM acquisition disruption was not successful in test case SPT-16 for all SIMs. The acquisition was disrupted by removing the SIM from the PC/SC card reader.

Instead of informing the examiner that connectivity had been disrupted, the tool appeared to continue acquiring the contents of the SIM.

3.5 Generated reports

For test case SPT-24, the generated report for a physical acquisition on the HTC Thunderbolt only reports graphic files.

3.6 Acquisition of password protected SIM

For test case SPT-28, the tool does not provide the user with the ability to input the PIN code before acquiring the memory of the SIM.

3.7 Acquisition of text messages containing non-ASCII characters

For test case SPT-33, non-ASCII text messages acquired from the BlackBerry Torch were reported incorrectly. Composite characters (e.g., 'é') were reported as '|'. Other non-ASCII characters were reported correctly.

3.8 SIM PIN attempts

The remaining number of PIN attempts was not reported for test case SPT-35 for all SIMs when attempting to acquire a PIN protected SIM.

4 Testing Environment

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

4.1 Test Computers

One computer was used to run the tool: **Morrisy**. **Morrisy** has the following configuration:

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

4.2 Mobile Devices

The following table lists the mobile devices used.

Table 4.2 Mobile Devices

Make	Model	OS	Network
Apple iPhone	4	iOS v4.3.3 (8J2)	AT&T
BlackBerry	9800 (Torch)	BlackBerry v6.0.0.526	AT&T
Nokia	N95	S60 V20.2.005	AT&T
Apple iPhone	4	iOS v5.0.1 (9A405)	Verizon
HTC	Thunderbolt	Android 2.2.1	Verizon

4.3 Internal memory data objects

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

Table 4.3 Internal memory data objects

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

Data Objects	Data Elements
	Incoming SMS - Unread
	Outgoing SMS
	Incoming EMS - Read
	Incoming EMS - Unread
	Outgoing EMS
	Incoming SMS - Deleted
	Outgoing SMS - Deleted
	Incoming EMS - Deleted
	Outgoing EMS - Deleted
	Non-ASCII EMS
MMS Messages	
	Incoming Audio
	Incoming Graphic
	Incoming Video
	Outgoing Audio
	Outgoing Graphic
	Outgoing Video
Stand-alone data files	
	Audio
	Graphic
	Video
	Audio - Deleted
	Graphic - Deleted
	Video - Deleted
Application Data	
	Device Specific App Data
Location Data	
	GPS Coordinates

4.4 Subscriber Identity Module data objects

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

Table 4.4 Subscriber Identity Module data objects

Data Objects	Data Elements
Abbreviated Dialing Numbers (ADN)	
	Maximum Length
	Special Character
	Blank Name
	Non-ASCII Entry
	Regular Length - Deleted Number
Call Logs	
	Last Numbers Dialed (LND)

Data Objects	Data Elements
Text Messages	
	Incoming SMS - Read
	Incoming SMS - Unread
	Non-ASCII SMS
	Incoming SMS - Deleted
	Non-ASCII EMS
	Incoming EMS - Deleted

5 Test Results

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

5.1 Test Results Report Key

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

Table 5 Test Results Report Key

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

5.2 Test Details

The test results are presented in this section.

5.2.1 SPT-01 (iPhone4 GSM)

Test Case SPT-01 Encase Smartphone Examiner v7.03

Test Case SPT-01 Encase Smartphone Examiner v7.03															
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).														
Assertions:	<p>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).</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>														
Tester Name:	rpa														
Test Host:	Morrisy														
Test Date:	Thu Apr 5 07:01:25 EDT 2012														
Device:	iPhone4_GSM														
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable														
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Thu Apr 5 07:01:25 EDT 2012</p> <p>Acquisition finished: Thu Apr 5 07:05:04 EDT 2012</p> <p>Device connectivity was established via supported interface</p>														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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
Assertion & Expected Result	Actual Result														
SPT-CA-01 Device connectivity via supported interfaces.	as expected														
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected														
SPT-CA-29 Acquire-All data objects acquisition.	as expected														
SPT-CA-30 Select-All data objects acquisition.	as expected														
SPT-CA-31 Select-Individual data objects acquisition.	as expected														
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected														
Analysis:	Expected results achieved														

5.2.2 SPT-02 (iPhone4 GSM)

Test Case SPT-02 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-02 Attempt internal memory acquisition of a non-supported mobile device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 5 07:05:35 EDT 2012
Device:	unsupported_device
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable

Test Case SPT-02 Encase Smartphone Examiner v7.03					
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Thu Apr 5 07:05:35 EDT 2012 Acquisition finished: Thu Apr 5 07:20:58 EDT 2012 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.3 SPT-03 (iPhone4 GSM)

Test Case SPT-03 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Thu Apr 5 07:21:22 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Thu Apr 5 07:21:22 EDT 2012 Acquisition finished: Thu Apr 5 07:24:30 EDT 2012 Device acquisition disruption notification was not successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	Not as expected				
Analysis:	Expected results not achieved				

5.2.4 SPT-04 (iPhone4 GSM)

Test Case SPT-04 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 5 07:25:35 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Thu Apr 5 07:25:35 EDT 2012 Acquisition finished: Thu Apr 5 07:32:31 EDT 2012

Test Case SPT-04 Encase Smartphone Examiner v7.03					
	Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.5 SPT-05 (iPhone4 GSM)

Test Case SPT-05 Encase Smartphone Examiner v7.03							
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).						
Assertions:	<p>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.</p> <p>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.</p>						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Thu Apr 5 07:32:54 EDT 2012						
Device:	iPhone4 GSM						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Thu Apr 5 07:32:54 EDT 2012</p> <p>Acquisition finished: Thu Apr 5 08:53:10 EDT 2012</p> <p>MSISDN and IMEI were not acquired - NA</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>NA</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	NA	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	NA
Assertion & Expected Result	Actual Result						
SPT-CA-05 Acquisition of MSISDN, IMSI.	NA						
SPT-CA-06 Acquisition of IMEI/MEID/ESN.	NA						
Analysis:	Expected results achieved						

5.2.6 SPT-06 (iPhone4 GSM)

Test Case SPT-06 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>SPT-CA-12 If a cellular forensic tool completes acquisition of the target</p>

Test Case SPT-06 Encase Smartphone Examiner v7.03																			
	device without error then graphics associated with address book entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.																		
Tester Name:	rpa																		
Test Host:	Morrisy																		
Test Date:	Thu Apr 5 12:30:04 EDT 2012																		
Device:	iPhone4_GSM																		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																		
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Thu Apr 5 12:30:04 EDT 2012 Acquisition finished: Thu Apr 5 12:34:28 EDT 2012 All address book entries were successfully acquired ALL PIM related data was acquired																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Expected results achieved																		

5.2.7 SPT-07 (iPhone4 GSM)

Test Case SPT-07 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 5 12:34:56 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Thu Apr 5 12:34:56 EDT 2012 Acquisition finished: Thu Apr 5 12:37:34 EDT 2012

Test Case SPT-07 Encase Smartphone Examiner v7.03							
	All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	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
Assertion & Expected Result	Actual Result						
SPT-CA-15 Acquisition of call logs.	as expected						
SPT-CA-16 Acquisition of call log date/time stamps.	as expected						
Analysis:	Expected results achieved						

5.2.8 SPT-08 (iPhone4 GSM)

Test Case SPT-08 Encase Smartphone Examiner v7.03											
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.										
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Thu Apr 5 12:38:51 EDT 2012										
Device:	iPhone4_GSM										
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable										
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Thu Apr 5 12:38:51 EDT 2012</p> <p>Acquisition finished: Thu Apr 5 12:40:55 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>Correct date/time stamps were reported for all text messages</p> <p>Correct status flags were reported for all text messages</p> <p>Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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 (iPhone4 GSM)

Test Case SPT-09 Encase Smartphone Examiner v7.03	
Case	SPT-09 Acquire mobile device internal memory and review reported MMS multi-

Test Case SPT-09 Encase Smartphone Examiner v7.03									
Summary:	media related data (i.e., text, audio, graphics, video).								
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Thu Apr 5 12:58:56 EDT 2012								
Device:	iPhone4_GSM								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Thu Apr 5 12:58:56 EDT 2012 Acquisition finished: Fri Apr 6 06:40:54 EDT 2012 ALL MMS messages (Audio, Image, Video) were acquired								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected								
SPT-CA-23 Acquisition of video MMS messages.	as expected								
Analysis:	Expected results achieved								

5.2.10 SPT-10 (iPhone4 GSM)

Test Case SPT-10 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Apr 9 09:04:55 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 09:04:55 EDT 2012 Acquisition finished: Mon Apr 9 09:13:17 EDT 2012 Audio files were not acquired -NA Image files were acquired

Test Case SPT-10 Encase Smartphone Examiner v7.03									
	Video files were not acquired -NA								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td> <td>NA</td> </tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	NA	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	NA
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	NA								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	NA								
Analysis:	Expected results achieved								

5.2.11 SPT-12 (iPhone4 GSM)

Test Case SPT-12 Encase Smartphone Examiner v7.03					
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:	Mon Apr 9 09:33:13 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 09:33:13 EDT 2012 Acquisition finished: Mon Apr 9 09:41:15 EDT 2012 All Internet related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-28 Acquisition of Internet related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-28 Acquisition of Internet related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-28 Acquisition of Internet related data.	as expected				
Analysis:	Expected results achieved				

5.2.12 SPT-13 (iPhone4 GSM)

Test Case SPT-13 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of 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:	Mon Apr 9 09:41:34 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log	Created by EnCase 7.03 Smartphone Examiner

Test Case SPT-13 Encase Smartphone Examiner v7.03									
Highlights:	Acquisition started: Mon Apr 9 09:41:34 EDT 2012 Acquisition finished: Mon Apr 9 09:44:53 EDT 2012 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	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
Assertion & Expected Result	Actual Result								
SPT-CA-29 Acquire-All data objects acquisition.	as expected								
SPT-CA-30 Select-All data objects acquisition.	as expected								
SPT-CA-31 Select-Individual data objects acquisition.	as expected								
Analysis:	Expected results achieved								

5.2.13 SPT-14 (iPhone4 GSM)

Test Case SPT-14 Encase Smartphone Examiner v7.03					
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 Apr 9 09:45:42 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 09:45:42 EDT 2012 Acquisition finished: Mon Apr 9 09:54:18 EDT 2012 Media connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-01 SIM connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.14 SPT-15 (iPhone4 GSM)

Test Case SPT-15 Encase Smartphone Examiner v7.03	
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 Apr 9 09:54:44 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 09:54:44 EDT 2012 Acquisition finished: Mon Apr 9 09:57:19 EDT 2012

Test Case SPT-15 Encase Smartphone Examiner v7.03					
	Identification of non-supported media was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-02 Identification of non-supported SIMs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of non-supported SIMs.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-02 Identification of non-supported SIMs.	as expected				
Analysis:	Expected results achieved				

5.2.15 SPT-16 (iPhone4 GSM)

Test Case SPT-16 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 9 10:13:27 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 10:13:27 EDT 2012 Acquisition finished: Mon Apr 9 10:15:07 EDT 2012 Media acquisition disruption notification was not successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-03 Notification of SIM acquisition disruption.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected				
Analysis:	Expected results not achieved				

5.2.16 SPT-17 (iPhone4 GSM)

Test Case SPT-17 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Apr 9 10:16:24 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 10:16:24 EDT 2012 Acquisition finished: Mon Apr 9 10:19:03 EDT 2012 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired

Test Case SPT-17 Encase Smartphone Examiner v7.03											
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td> <td>as expected</td> </tr> </tbody> </table>	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
Assertion & Expected Result	Actual Result										
SPT-AO-04 Acquisition of SPN.	as expected										
SPT-AO-05 Acquisition of ICCID.	as expected										
SPT-AO-06 Acquisition of IMSI.	as expected										
SPT-AO-07 Acquisition of MSISDN.	as expected										
Analysis:	Expected results achieved										

5.2.17 SPT-18 (iPhone4 GSM)

Test Case SPT-18 Encase Smartphone Examiner v7.03											
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).										
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Mon Apr 9 10:19:44 EDT 2012										
Device:	iPhone4_GSM										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Mon Apr 9 10:19:44 EDT 2012</p> <p>Acquisition finished: Mon Apr 9 10:20:16 EDT 2012</p> <p>All ADNs were acquired</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-08 Acquisition of ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-09 Acquisition of maximum length ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-10 Acquisition of special character ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-11 Acquisition of blank name ADNs.</td> <td>as expected</td> </tr> </tbody> </table>	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
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										

5.2.18 SPT-19 (iPhone4 GSM)

Test Case SPT-19 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).
Assertions:	<p>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.</p> <p>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.</p>

Test Case SPT-19 Encase Smartphone Examiner v7.03							
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Mon Apr 9 10:21:10 EDT 2012						
Device:	iPhone4_GSM						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 10:21:10 EDT 2012 Acquisition finished: Mon Apr 9 10:22:56 EDT 2012 LNDs were acquired Date/Time Stamps correctly reported for LNDs						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-12 Acquisition of LNDs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-13 Acquisition of LND date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-12 Acquisition of LNDs.	as expected	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-12 Acquisition of LNDs.	as expected						
SPT-AO-13 Acquisition of LND date/time stamps.	as expected						
Analysis:	Expected results achieved						

5.2.19 SPT-20 (iPhone4 GSM)

Test Case SPT-20 Encase Smartphone Examiner v7.03									
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).								
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Mon Apr 9 10:23:16 EDT 2012								
Device:	iPhone4_GSM								
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB								
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 10:23:16 EDT 2012 Acquisition finished: Mon Apr 9 10:25:36 EDT 2012 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-14 Acquisition of SMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-15 Acquisition of EMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-16 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	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
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								

Test Case SPT-20 Encase Smartphone Examiner v7.03		
	SPT-AO-17 Acquisition of text message status flags.	as expected
	SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

5.2.20 SPT-21 (iPhone4 GSM)

Test Case SPT-21 Encase Smartphone Examiner v7.03						
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).					
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Apr 9 10:34:32 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 10:34:32 EDT 2012 Acquisition finished: Mon Apr 9 10:38:36 EDT 2012 Deleted text message data was recovered					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected					
Analysis:	Expected results achieved					

5.2.21 SPT-22 (iPhone4 GSM)

Test Case SPT-22 Encase Smartphone Examiner v7.03		
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., GPRSLOCI) shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Apr 9 10:38:59 EDT 2012	
Device:	iPhone4_GSM	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 10:38:59 EDT 2012 Acquisition finished: Mon Apr 9 10:43:36 EDT 2012 LOCI data was acquired GPRSLOCI data was acquired	
Results:		

Test Case SPT-22 Encase Smartphone Examiner v7.03								
	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected	
Assertion & Expected Result	Actual Result							
SPT-AO-20 Acquisition of LOCI information.	as expected							
SPT-AO-21 Acquisition of GPRSLOCI information.	as expected							
Analysis:	Expected results achieved							

5.2.22 SPT-23 (iPhone4 GSM)

Test Case SPT-23 Encase Smartphone Examiner v7.03											
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.										
Assertions:	<p>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).</p> <p>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.</p> <p>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.</p> <p>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.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Mon Apr 9 10:44:10 EDT 2012										
Device:	iPhone4_GSM										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Mon Apr 9 10:44:10 EDT 2012</p> <p>Acquisition finished: Mon Apr 9 10:47:44 EDT 2012</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-23 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-24 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected	SPT-AO-23 Select-All data objects acquisition.	as expected	SPT-AO-24 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-01 SIM connectivity via supported interfaces.	as expected										
SPT-AO-22 Acquire-All data objects acquisition.	as expected										
SPT-AO-23 Select-All data objects acquisition.	as expected										
SPT-AO-24 Select-Individual data objects acquisition.	as expected										
Analysis:	Expected results achieved										

5.2.23 SPT-24 (iPhone4 GSM)

Test Case SPT-24 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Apr 9 10:48:16 EDT 2012
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600

Test Case SPT-24 Encase Smartphone Examiner v7.03					
Setup:	Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 10:48:16 EDT 2012 Acquisition finished: Mon Apr 9 10:52:16 EDT 2012 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.24 SPT-25 (iPhone4 GSM)

Test Case SPT-25 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.				
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 9 12:44:15 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:44:15 EDT 2012 Acquisition finished: Mon Apr 9 12:46:16 EDT 2012 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.25 SPT-26 (iPhone4 GSM)

Test Case SPT-26 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supported generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Apr 9 12:46:44 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB

Test Case SPT-26 Encase Smartphone Examiner v7.03					
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:46:44 EDT 2012 Acquisition finished: Mon Apr 9 12:50:36 EDT 2012 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.26 SPT-27 (iPhone4 GSM)

Test Case SPT-27 Encase Smartphone Examiner v7.03					
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 Apr 9 12:47:01 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:47:01 EDT 2012 Acquisition finished: Mon Apr 9 12:49:13 EDT 2012 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.27 SPT-28 (iPhone4 GSM)

Test Case SPT-28 Encase Smartphone Examiner v7.03	
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 Apr 9 12:52:02 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:52:02 EDT 2012 Acquisition finished: Mon Apr 9 12:53:45 EDT 2012

Test Case SPT-28 Encase Smartphone Examiner v7.03					
	Ability to enter PIN on protected media before acquisition was not successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-28 Acquisition of password protected SIM.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-28 Acquisition of password protected SIM.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-28 Acquisition of password protected SIM.	Not as expected				
Analysis:	Expected results not achieved				

5.2.28 SPT-29 (iPhone4 GSM)

Test Case SPT-29 Encase Smartphone Examiner v7.03					
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 Apr 9 12:54:24 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:54:24 EDT 2012 Acquisition finished: Mon Apr 9 12:59:56 EDT 2012 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.29 SPT-30 (iPhone4 GSM)

Test Case SPT-30 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 9 12:55:18 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:55:18 EDT 2012 Acquisition finished: Mon Apr 9 13:00:13 EDT 2012 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result				

Test Case SPT-30 Encase Smartphone Examiner v7.03	
	SPT-AO-27 Notification of modified device case data. as expected
Analysis:	Expected results achieved

5.2.30 SPT-33 (iPhone4 GSM)

Test Case SPT-33 Encase Smartphone Examiner v7.03							
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.						
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Wed Apr 11 13:07:31 EDT 2012						
Device:	iPhone4_GSM						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 13:07:31 EDT 2012 Acquisition finished: Mon Apr 11 13:08:42 EDT 2012 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

5.2.31 SPT-34 (iPhone4 GSM)

Test Case SPT-34 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Apr 9 13:03:20 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 13:03:20 EDT 2012 Acquisition finished: Mon Apr 9 13:05:42 EDT 2012 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed

Test Case SPT-34 Encase Smartphone Examiner v7.03							
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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-35 (iPhone4 GSM)

Test Case SPT-35 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.				
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 9 13:06:53 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 13:06:53 EDT 2012 Acquisition finished: Mon Apr 9 13:08:18 EDT 2012 The remaining number of PIN attempts were not properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-29 Display remaining number of PIN attempts.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-29 Display remaining number of PIN attempts.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-29 Display remaining number of PIN attempts.	Not as expected				
Analysis:	Expected results not achieved				

5.2.33 SPT-38 (iPhone4 GSM)

Test Case SPT-38 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Apr 9 13:08:54 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 13:08:54 EDT 2012 Acquisition finished: Mon Apr 9 13:14:13 EDT 2012 Hash values were properly reported for individually acquired device data elements

Test Case SPT-38 Encase Smartphone Examiner v7.03					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

5.2.34 SPT-39 (iPhone4 GSM)

Test Case SPT-39 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor supported data objects.				
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 9 13:15:11 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 13:15:11 EDT 2012 Acquisition finished: Mon Apr 9 13:16:59 EDT 2012 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results not achieved				

5.2.35 SPT-01 (BlackBerry Torch)

Test Case SPT-01 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	<p>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).</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data</p>

Test Case SPT-01 Encase Smartphone Examiner v7.03															
	objects) on the mobile device shall remain consistent.														
Tester Name:	rpa														
Test Host:	Morrisy														
Test Date:	Mon Apr 16 12:57:08 EDT 2012														
Device:	BlackBerry_Torch														
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable														
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 12:57:08 EDT 2012 Acquisition finished: Mon Apr 16 13:00:20 EDT 2012 Device connectivity was established via supported interface														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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
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														

5.2.36 SPT-02 (BlackBerry Torch)

Test Case SPT-02 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-02 Attempt internal memory acquisition of a non-supported mobile device.				
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 16 13:00:54 EDT 2012				
Device:	unsupported_device				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 13:00:54 EDT 2012 Acquisition finished: Mon Apr 16 13:03:48 EDT 2012 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.37 SPT-03 (BlackBerry Torch)

Test Case SPT-03 Encase Smartphone Examiner v7.03	
Case	SPT-03 Begin mobile device internal memory acquisition and interrupt

Test Case SPT-03 Encase Smartphone Examiner v7.03					
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 Apr 16 13:04:11 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 13:04:11 EDT 2012 Acquisition finished: Mon Apr 16 13:05:30 EDT 2012 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.38 SPT-04 (BlackBerry Torch)

Test Case SPT-04 Encase Smartphone Examiner v7.03					
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 Apr 16 13:05:56 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 13:05:56 EDT 2012 Acquisition finished: Mon Apr 16 13:12:47 EDT 2012 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.39 SPT-05 (BlackBerry Torch)

Test Case SPT-05 Encase Smartphone Examiner v7.03	
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

Test Case SPT-05 Encase Smartphone Examiner v7.03							
	device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Mon Apr 16 13:28:23 EDT 2012						
Device:	BlackBerry_Torch						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 13:28:23 EDT 2012 Acquisition finished: Mon Apr 16 13:33:37 EDT 2012 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
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						

5.2.40 SPT-06 (BlackBerry Torch)

Test Case SPT-06 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Apr 16 13:34:44 EDT 2012
Device:	BlackBerry_Torch
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 13:34:44 EDT 2012 Acquisition finished: Mon Apr 16 13:49:13 EDT 2012

Test Case SPT-06 Encase Smartphone Examiner v7.03																			
	<p>All address book entries were successfully acquired Partial PIM related data was acquired</p> <p>Notes: Calendar entries were not acquired.</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>Not as expected</td> </tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Not as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Not as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Partial results achieved																		

5.2.41 SPT-07 (BlackBerry Torch)

Test Case SPT-07 Encase Smartphone Examiner v7.03					
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.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 16 13:52:14 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 13:52:14 EDT 2012 Acquisition finished: Mon Apr 16 13:57:45 EDT 2012</p> <p>Incoming Calls were not acquired Outgoing Calls were not acquired Missed Calls were not acquired</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-15 Acquisition of call logs.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-CA-15 Acquisition of call logs.	Not as expected				
Analysis:	Expected results not achieved				

5.2.42 SPT-08 (BlackBerry Torch)

Test Case SPT-08 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.

Test Case SPT-08 Encase Smartphone Examiner v7.03											
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 Apr 16 14:00:58 EDT 2012										
Device:	BlackBerry_Torch										
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable										
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 14:00:58 EDT 2012 Acquisition finished: Mon Apr 16 14:23:04 EDT 2012 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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										

5.2.43 SPT-09 (BlackBerry Torch)

Test Case SPT-09 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Apr 16 14:28:13 EDT 2012
Device:	BlackBerry_Torch
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 14:28:13 EDT 2012 Acquisition finished: Mon Apr 16 14:32:54 EDT 2012

Test Case SPT-09 Encase Smartphone Examiner v7.03									
	ALL MMS messages (Audio, Image, Video) were acquired								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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								

5.2.44 SPT-12 (BlackBerry Torch)

Test Case SPT-12 Encase Smartphone Examiner v7.03					
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:	Mon Apr 16 14:47:30 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 14:47:30 EDT 2012 Acquisition finished: Mon Apr 16 14:55:28 EDT 2012 All Internet related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-28 Acquisition of Internet related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-28 Acquisition of Internet related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-28 Acquisition of Internet related data.	as expected				
Analysis:	Expected results achieved				

5.2.45 SPT-13 (BlackBerry Torch)

Test Case SPT-13 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of 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:	Mon Apr 16 14:55:48 EDT 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600

Test Case SPT-13 Encase Smartphone Examiner v7.03									
Setup:	Interface: cable								
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 16 14:55:48 EDT 2012 Acquisition finished: Mon Apr 16 14:59:20 EDT 2012 Acquire All acquisition was successful Select All acquisition was successful Individual data element acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	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
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								

5.2.46 SPT-14 (BlackBerry Torch)

Test Case SPT-14 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).				
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 17 07:10:45 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:10:45 EDT 2012 Acquisition finished: Tue Apr 17 07:13:27 EDT 2012 Media connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-01 SIM connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.47 SPT-15 (BlackBerry Torch)

Test Case SPT-15 Encase Smartphone Examiner v7.03	
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 Apr 17 07:14:07 EDT 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600

Test Case SPT-15 Encase Smartphone Examiner v7.03					
Setup:	Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:14:07 EDT 2012 Acquisition finished: Tue Apr 17 07:16:31 EDT 2012 Identification of non-supported media was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-02 Identification of non-supported SIMs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of non-supported SIMs.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-02 Identification of non-supported SIMs.	as expected				
Analysis:	Expected results achieved				

5.2.48 SPT-16 (BlackBerry Torch)

Test Case SPT-16 Encase Smartphone Examiner v7.03					
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 Apr 17 07:18:39 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:18:39 EDT 2012 Acquisition finished: Tue Apr 17 07:21:48 EDT 2012 Media acquisition disruption notification was not successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-03 Notification of SIM acquisition disruption.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected				
Analysis:	Expected results not achieved				

5.2.49 SPT-17 (BlackBerry Torch)

Test Case SPT-17 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Apr 17 07:22:40 EDT 2012
Device:	BlackBerry_Torch
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB

Test Case SPT-17 Encase Smartphone Examiner v7.03											
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:22:40 EDT 2012 Acquisition finished: Tue Apr 17 07:23:24 EDT 2012 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td> <td>as expected</td> </tr> </tbody> </table>	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
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										

5.2.50 SPT-18 (BlackBerry Torch)

Test Case SPT-18 Encase Smartphone Examiner v7.03											
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).										
Assertions:	SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Apr 17 07:24:10 EDT 2012										
Device:	BlackBerry Torch										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:24:10 EDT 2012 Acquisition finished: Tue Apr 17 07:27:52 EDT 2012 All ADNs were acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-08 Acquisition of ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-09 Acquisition of maximum length ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-10 Acquisition of special character ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-11 Acquisition of blank name ADNs.</td> <td>as expected</td> </tr> </tbody> </table>	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
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										

5.2.51 SPT-19 (BlackBerry Torch)

Test Case SPT-19 Encase Smartphone Examiner v7.03	
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

Test Case SPT-19 Encase Smartphone Examiner v7.03							
	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 Apr 17 07:28:11 EDT 2012						
Device:	BlackBerry_Torch						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:28:11 EDT 2012 Acquisition finished: Tue Apr 17 07:42:01 EDT 2012 LNDs were acquired Date/Time Stamps correctly reported for LNDs						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-12 Acquisition of LNDs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-13 Acquisition of LND date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-12 Acquisition of LNDs.	as expected	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
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						

5.2.52 SPT-20 (BlackBerry Torch)

Test Case SPT-20 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).
Assertions:	SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Apr 17 07:42:43 EDT 2012
Device:	BlackBerry_Torch
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:42:43 EDT 2012 Acquisition finished: Tue Apr 17 07:44:55 EDT 2012 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported
Results:	

Test Case SPT-20 Encase Smartphone Examiner v7.03		
	Assertion & Expected Result	Actual Result
	SPT-AO-14 Acquisition of SMS messages.	as expected
	SPT-AO-15 Acquisition of EMS messages.	as expected
	SPT-AO-16 Acquisition of text message date/time stamps.	as expected
	SPT-AO-17 Acquisition of text message status flags.	as expected
	SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

5.2.53 SPT-21 (BlackBerry Torch)

Test Case SPT-21 Encase Smartphone Examiner v7.03						
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).					
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Apr 17 07:45:57 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:45:57 EDT 2012 Acquisition finished: Tue Apr 17 07:47:59 EDT 2012 Deleted text message data was recovered					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected	
Assertion & Expected Result	Actual Result					
SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected					
Analysis:	Expected results achieved					

5.2.54 SPT-22 (BlackBerry Torch)

Test Case SPT-22 Encase Smartphone Examiner v7.03		
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Apr 17 07:49:00 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:49:00 EDT 2012	

Test Case SPT-22 Encase Smartphone Examiner v7.03							
	Acquisition finished: Tue Apr 17 07:50:22 EDT 2012 LOCI data was acquired GPRSLOCI data was acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
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						

5.2.55 SPT-23 (BlackBerry Torch)

Test Case SPT-23 Encase Smartphone Examiner v7.03											
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.										
Assertions:	<p>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).</p> <p>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.</p> <p>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.</p> <p>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.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Apr 17 07:51:03 EDT 2012										
Device:	BlackBerry_Torch										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Tue Apr 17 07:51:03 EDT 2012</p> <p>Acquisition finished: Tue Apr 17 07:53:16 EDT 2012</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-23 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-24 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected	SPT-AO-23 Select-All data objects acquisition.	as expected	SPT-AO-24 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-01 SIM connectivity via supported interfaces.	as expected										
SPT-AO-22 Acquire-All data objects acquisition.	as expected										
SPT-AO-23 Select-All data objects acquisition.	as expected										
SPT-AO-24 Select-Individual data objects acquisition.	as expected										
Analysis:	Expected results achieved										

5.2.56 SPT-24 (BlackBerry Torch)

Test Case SPT-24 Encase Smartphone Examiner v7.03	
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.

Test Case SPT-24 Encase Smartphone Examiner v7.03					
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 17 07:55:13 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 07:55:13 EDT 2012 Acquisition finished: Tue Apr 17 08:02:38 EDT 2012 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.57 SPT-25 (BlackBerry Torch)

Test Case SPT-25 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.				
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 17 10:45:04 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 10:45:04 EDT 2012 Acquisition finished: Tue Apr 17 10:47:08 EDT 2012 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.58 SPT-26 (BlackBerry Torch)

Test Case SPT-26 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supported generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy

Test Case SPT-26 Encase Smartphone Examiner v7.03					
Test Date:	Tue Apr 17 10:46:20 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 10:46:20 EDT 2012 Acquisition finished: Tue Apr 17 10:47:39 EDT 2012 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.59 SPT-27 (BlackBerry Torch)

Test Case SPT-27 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-27 Acquire SIM memory and review reported data via the preview-pane.				
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 17 10:46:43 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 10:46:43 EDT 2012 Acquisition finished: Tue Apr 17 10:47:59 EDT 2012 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.60 SPT-28 (BlackBerry Torch)

Test Case SPT-28 Encase Smartphone Examiner v7.03	
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 Apr 17 10:48:50 EDT 2012
Device:	BlackBerry_Torch

Test Case SPT-28 Encase Smartphone Examiner v7.03					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 10:48:50 EDT 2012 Acquisition finished: Tue Apr 17 10:50:33 EDT 2012 Ability to enter PIN on protected media before acquisition was not successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-28 Acquisition of password protected SIM.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-28 Acquisition of password protected SIM.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-28 Acquisition of password protected SIM.	Not as expected				
Analysis:	Expected results not achieved				

5.2.61 SPT-29 (BlackBerry Torch)

Test Case SPT-29 Encase Smartphone Examiner v7.03					
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 Apr 17 10:49:56 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 10:49:56 EDT 2012 Acquisition finished: Tue Apr 17 10:51:00 EDT 2012 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.62 SPT-30 (BlackBerry Torch)

Test Case SPT-30 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Apr 17 10:50:18 EDT 2012
Device:	BlackBerry_Torch
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 10:50:18 EDT 2012

Test Case SPT-30 Encase Smartphone Examiner v7.03					
	Acquisition finished: Tue Apr 17 10:53:32 EDT 2012 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.63 SPT-33 (BlackBerry Torch)

Test Case SPT-33 Encase Smartphone Examiner v7.03							
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.						
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Apr 17 12:17:56 EDT 2012						
Device:	BlackBerry_Torch						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 12:17:56 EDT 2012 Acquisition finished: Tue Apr 17 12:21:20 EDT 2012 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired but not properly displayed Notes: é was reported as						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>Not as expected</td> </tr> </tbody> </table>	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.	Not as expected
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.	Not as expected						
Analysis:	Partial results achieved						

5.2.64 SPT-34 (BlackBerry Torch)

Test Case SPT-34 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Apr 17 12:23:20 EDT 2012
Device:	BlackBerry_Torch

Test Case SPT-34 Encase Smartphone Examiner v7.03							
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 12:23:20 EDT 2012 Acquisition finished: Tue Apr 17 12:23:45 EDT 2012 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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						

5.2.65 SPT-35 (BlackBerry Torch)

Test Case SPT-35 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.				
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 17 12:25:28 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 12:25:28 EDT 2012 Acquisition finished: Tue Apr 17 12:26:20 EDT 2012 The remaining number of PIN attempts were not properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-29 Display remaining number of PIN attempts.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-29 Display remaining number of PIN attempts.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-29 Display remaining number of PIN attempts.	Not as expected				
Analysis:	Expected results not achieved				

5.2.66 SPT-38 (BlackBerry Torch)

Test Case SPT-38 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Apr 17 12:27:36 EDT 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600

Test Case SPT-38 Encase Smartphone Examiner v7.03					
Setup:	Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 12:27:36 EDT 2012 Acquisition finished: Tue Apr 17 12:28:41 EDT 2012 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	Not as expected				
Analysis:	Expected results achieved				

5.2.67 SPT-39 (BlackBerry Torch)

Test Case SPT-39 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor supported data objects.				
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 17 12:30:06 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 17 12:30:06 EDT 2012 Acquisition finished: Tue Apr 17 12:30:44 EDT 2012 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	Not as expected				
Analysis:	Expected results achieved				

5.2.68 SPT-01 (Nokia N95)

Test Case SPT-01 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. SPT-CA-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"

Test Case SPT-01 Encase Smartphone Examiner v7.03															
	individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.														
Tester Name:	rpa														
Test Host:	Morrisy														
Test Date:	Tue Apr 3 07:35:03 EDT 2012														
Device:	Nokia_N95														
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable														
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 07:35:03 EDT 2012 Acquisition finished: Tue Apr 3 07:35:56 EDT 2012 Device connectivity was established via supported interface														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	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
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														

5.2.69 SPT-02 (Nokia N95)

Test Case SPT-02 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-02 Attempt internal memory acquisition of a non-supported mobile device.				
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 3 08:14:09 EDT 2012				
Device:	unsupported_device				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 08:14:09 EDT 2012 Acquisition finished: Tue Apr 3 08:16:06 EDT 2012 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.70 SPT-03 (Nokia N95)

Test Case SPT-03 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 3 08:16:44 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 08:16:44 EDT 2012 Acquisition finished: Tue Apr 3 08:20:13 EDT 2012 Device acquisition disruption notification was not successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	Not as expected				
Analysis:	Expected results not achieved				

5.2.71 SPT-04 (Nokia N95)

Test Case SPT-04 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 3 08:21:30 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 08:21:30 EDT 2012 Acquisition finished: Tue Apr 3 08:32:09 EDT 2012 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.72 SPT-05 (Nokia N95)

Test Case SPT-05 Encase Smartphone Examiner v7.03							
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).						
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Apr 3 08:35:41 EDT 2012						
Device:	Nokia_N95						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 08:35:41 EDT 2012 Acquisition finished: Tue Apr 3 09:50:44 EDT 2012 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
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						

5.2.73 SPT-06 (Nokia N95)

Test Case SPT-06 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Apr 3 09:51:54 EDT 2012
Device:	Nokia_N95
Source	OS: WIN XP v5.1.2600

Test Case SPT-06 Encase Smartphone Examiner v7.03																			
Setup:	Interface: cable																		
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 09:51:54 EDT 2012 Acquisition finished: Tue Apr 3 10:02:42 EDT 2012</p> <p>All address book entries were successfully acquired ALL PIM related data was acquired</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Expected results achieved																		

5.2.74 SPT-08 (Nokia N95)

Test Case SPT-08 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Apr 3 10:14:09 EDT 2012
Device:	Nokia_N95
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 10:14:09 EDT 2012 Acquisition finished: Tue Apr 3 10:17:45 EDT 2012</p> <p>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</p>
Results:	

Test Case SPT-08 Encase Smartphone Examiner v7.03		
	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	

5.2.75 SPT-10 (Nokia N95)

Test Case SPT-10 Encase Smartphone Examiner v7.03									
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).								
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Tue Apr 3 10:20:57 EDT 2012								
Device:	Nokia_N95								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Tue Apr 3 10:20:57 EDT 2012</p> <p>Acquisition finished: Tue Apr 3 10:23:31 EDT 2012</p> <p>ALL stand-alone data files (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td> <td>as expected</td> </tr> </tbody> </table>	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
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								

5.2.76 SPT-12 (Nokia N95)

Test Case SPT-12 Encase Smartphone Examiner v7.03	
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 Case SPT-12 Encase Smartphone Examiner v7.03					
Test Date:	Tue Apr 3 10:25:21 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 10:25:21 EDT 2012 Acquisition finished: Tue Apr 3 10:31:46 EDT 2012 All Internet related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-28 Acquisition of Internet related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-28 Acquisition of Internet related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-28 Acquisition of Internet related data.	as expected				
Analysis:	Expected results achieved				

5.2.77 SPT-13 (Nokia N95)

Test Case SPT-13 Encase Smartphone Examiner v7.03									
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.								
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Tue Apr 3 10:32:20 EDT 2012								
Device:	Nokia_N95								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 10:32:20 EDT 2012 Acquisition finished: Tue Apr 3 10:38:33 EDT 2012 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	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
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								

5.2.78 SPT-14 (Nokia N95)

Test Case SPT-14 Encase Smartphone Examiner v7.03	
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).

Test Case SPT-14 Encase Smartphone Examiner v7.03					
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 3 12:31:18 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 12:31:18 EDT 2012 Acquisition finished: Tue Apr 3 12:33:23 EDT 2012 Media connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-01 SIM connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.79 SPT-15 (Nokia N95)

Test Case SPT-15 Encase Smartphone Examiner v7.03					
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 Apr 3 12:34:13 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 12:34:13 EDT 2012 Acquisition finished: Tue Apr 3 12:36:04 EDT 2012 Identification of non-supported media was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-02 Identification of non-supported SIMs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of non-supported SIMs.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-02 Identification of non-supported SIMs.	as expected				
Analysis:	Expected results achieved				

5.2.80 SPT-16 (Nokia N95)

Test Case SPT-16 Encase Smartphone Examiner v7.03	
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 Apr 3 12:36:55 EDT 2012
Device:	Nokia_N95
Source	OS: WIN XP v5.1.2600

Test Case SPT-16 Encase Smartphone Examiner v7.03					
Setup:	Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 12:36:55 EDT 2012 Acquisition finished: Tue Apr 3 12:40:10 EDT 2012 Media acquisition disruption notification was not successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-03 Notification of SIM acquisition disruption.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected				
Analysis:	Expected results not achieved				

5.2.81 SPT-17 (Nokia N95)

Test Case SPT-17 Encase Smartphone Examiner v7.03											
Case Summary:	SPT-17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).										
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Apr 3 12:40:30 EDT 2012										
Device:	Nokia_N95										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 12:40:30 EDT 2012 Acquisition finished: Tue Apr 3 12:45:10 EDT 2012 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td> <td>as expected</td> </tr> </tbody> </table>	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
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										

5.2.82 SPT-18 (Nokia N95)

Test Case SPT-18 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).
Assertions:	SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.

Test Case SPT-18 Encase Smartphone Examiner v7.03											
	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:	Tue Apr 3 12:45:27 EDT 2012										
Device:	Nokia_N95										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 12:45:27 EDT 2012 Acquisition finished: Tue Apr 3 12:48:05 EDT 2012 All ADNs were acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-08 Acquisition of ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-09 Acquisition of maximum length ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-10 Acquisition of special character ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-11 Acquisition of blank name ADNs.</td> <td>as expected</td> </tr> </tbody> </table>	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
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										

5.2.83 SPT-19 (Nokia N95)

Test Case SPT-19 Encase Smartphone Examiner v7.03							
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 Apr 3 12:48:35 EDT 2012						
Device:	Nokia_N95						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 12:48:35 EDT 2012 Acquisition finished: Tue Apr 3 12:51:29 EDT 2012 LNDs were acquired Date/Time Stamps correctly reported for LNDs						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-12 Acquisition of LNDs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-13 Acquisition of LND date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-12 Acquisition of LNDs.	as expected	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
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						

5.2.84 SPT-20 (Nokia N95)

Test Case SPT-20 Encase Smartphone Examiner v7.03													
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).												
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>												
Tester Name:	rpa												
Test Host:	Morrisy												
Test Date:	Tue Apr 3 12:52:27 EDT 2012												
Device:	Nokia_N95												
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB												
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Tue Apr 3 12:52:27 EDT 2012</p> <p>Acquisition finished: Tue Apr 3 12:59:48 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>All date/time stamps were reported for text messages</p> <p>Correct status flags were reported for text messages</p> <p>Sender and Recipient phone numbers associated with text messages were correctly reported</p>												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-14 Acquisition of SMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-15 Acquisition of EMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-16 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-17 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-14 Acquisition of SMS messages.	as expected	SPT-AO-15 Acquisition of EMS messages.	as expected	SPT-AO-16 Acquisition of text message date/time stamps.	as expected	SPT-AO-17 Acquisition of text message status flags.	as expected	SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result												
SPT-AO-14 Acquisition of SMS messages.	as expected												
SPT-AO-15 Acquisition of EMS messages.	as expected												
SPT-AO-16 Acquisition of text message date/time stamps.	as expected												
SPT-AO-17 Acquisition of text message status flags.	as expected												
SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected												
Analysis:	Expected results achieved												

5.2.85 SPT-21 (Nokia N95)

Test Case SPT-21 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Apr 3 13:00:19 EDT 2012
Device:	Nokia_N95
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log	Created by EnCase 7.03 Smartphone Examiner

Test Case SPT-21 Encase Smartphone Examiner v7.03					
Highlights:	Acquisition started: Tue Apr 3 13:00:19 EDT 2012 Acquisition finished: Tue Apr 3 13:02:20 EDT 2012 Deleted text message data was recovered				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected				
Analysis:	Expected results achieved				

5.2.86 SPT-22 (Nokia N95)

Test Case SPT-22 Encase Smartphone Examiner v7.03							
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., GPRSLOCI) shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Apr 3 13:02:46 EDT 2012						
Device:	Nokia_N95						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 13:02:46 EDT 2012 Acquisition finished: Tue Apr 3 13:49:49 EDT 2012 LOCI data was acquired GPRSLOCI data was acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
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						

5.2.87 SPT-23 (Nokia N95)

Test Case SPT-23 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall

Test Case SPT-23 Encase Smartphone Examiner v7.03											
	acquire each exclusive data object without error.										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Apr 3 13:50:07 EDT 2012										
Device:	Nokia_N95										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 13:50:07 EDT 2012 Acquisition finished: Tue Apr 3 14:01:30 EDT 2012 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-23 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-24 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected	SPT-AO-23 Select-All data objects acquisition.	as expected	SPT-AO-24 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-01 SIM connectivity via supported interfaces.	as expected										
SPT-AO-22 Acquire-All data objects acquisition.	as expected										
SPT-AO-23 Select-All data objects acquisition.	as expected										
SPT-AO-24 Select-Individual data objects acquisition.	as expected										
Analysis:	Expected results achieved										

5.2.88 SPT-24 (Nokia N95)

Test Case SPT-24 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.				
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 9 12:31:07 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:31:07 EDT 2012 Acquisition finished: Mon Apr 9 12:33:53 EDT 2012 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.89 SPT-25 (Nokia N95)

Test Case SPT-25 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a

Test Case SPT-25 Encase Smartphone Examiner v7.03					
	useable format in a preview-pane view.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 9 12:31:27 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:31:27 EDT 2012 Acquisition finished: Mon Apr 9 12:34:06 EDT 2012 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.90 SPT-26 (Nokia N95)

Test Case SPT-26 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supported generated report formats.				
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 3 14:02:02 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 14:02:02 EDT 2012 Acquisition finished: Tue Apr 3 14:04:59 EDT 2012 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.91 SPT-27 (Nokia N95)

Test Case SPT-27 Encase Smartphone Examiner v7.03	
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.

Test Case SPT-27 Encase Smartphone Examiner v7.03					
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 3 14:05:21 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 14:05:21 EDT 2012 Acquisition finished: Tue Apr 3 14:09:12 EDT 2012 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.92 SPT-28 (Nokia N95)

Test Case SPT-28 Encase Smartphone Examiner v7.03					
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 Apr 3 14:09:47 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 14:09:47 EDT 2012 Acquisition finished: Tue Apr 3 14:14:21 EDT 2012 Ability to enter PIN on protected media before acquisition was not successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-28 Acquisition of password protected SIM.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-28 Acquisition of password protected SIM.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-28 Acquisition of password protected SIM.	Not as expected				
Analysis:	Expected results not achieved				

5.2.93 SPT-29 (Nokia N95)

Test Case SPT-29 Encase Smartphone Examiner v7.03	
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 Apr 9 12:34:59 EDT 2012

Test Case SPT-29 Encase Smartphone Examiner v7.03					
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:34:59 EDT 2012 Acquisition finished: Mon Apr 9 12:36:44 EDT 2012 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.94 SPT-30 (Nokia N95)

Test Case SPT-30 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 3 14:15:21 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 14:15:21 EDT 2012 Acquisition finished: Tue Apr 3 14:16:36 EDT 2012 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.95 SPT-33 (Nokia N95)

Test Case SPT-33 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Apr 9 12:37:08 EDT 2012
Device:	Nokia_N95
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable

Test Case SPT-33 Encase Smartphone Examiner v7.03							
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:37:08 EDT 2012 Acquisition finished: Mon Apr 9 12:38:34 EDT 2012 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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						

5.2.96 SPT-34 (Nokia N95)

Test Case SPT-34 Encase Smartphone Examiner v7.03							
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.						
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Apr 3 14:17:11 EDT 2012						
Device:	Nokia_N95						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 14:17:11 EDT 2012 Acquisition finished: Tue Apr 3 14:17:36 EDT 2012 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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						

5.2.97 SPT-35 (Nokia N95)

Test Case SPT-35 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	rpa
Test Host:	Morrisy

Test Case SPT-35 Encase Smartphone Examiner v7.03					
Test Date:	Tue Apr 3 14:18:23 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 14:18:23 EDT 2012 Acquisition finished: Tue Apr 3 14:18:56 EDT 2012 The remaining number of PIN attempts were not properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-29 Display remaining number of PIN attempts.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-29 Display remaining number of PIN attempts.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-29 Display remaining number of PIN attempts.	Not as expected				
Analysis:	Expected results not achieved				

5.2.98 SPT-38 (Nokia N95)

Test Case SPT-38 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects.				
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Apr 9 12:39:05 EDT 2012				
Device:	Nokia_N95				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Mon Apr 9 12:39:05 EDT 2012 Acquisition finished: Mon Apr 9 12:41:47 EDT 2012 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>As expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	As expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	As expected				
Analysis:	Expected results not achieved				

5.2.99 SPT-39 (Nokia N95)

Test Case SPT-39 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor supported data objects.
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Apr 3 14:20:01 EDT 2012
Device:	Nokia_N95
Source	OS: WIN XP v5.1.2600

Test Case SPT-39 Encase Smartphone Examiner v7.03					
Setup:	Interface: USB				
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 3 14:20:01 EDT 2012 Acquisition finished: Tue Apr 3 14:24:07 EDT 2012</p> <p>Hash values were properly reported for individually acquired SIM data elements</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>As expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	As expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	As expected				
Analysis:	Expected results achieved				

5.2.100 SPT-01 (iPhone4 CDMA)

Test Case SPT-01 Encase Smartphone Examiner v7.03															
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).														
Assertions:	<p>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).</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>														
Tester Name:	rpa														
Test Host:	Morrisy														
Test Date:	Tue Apr 10 07:35:13 EDT 2012														
Device:	iPhone4_CDMA														
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable														
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 10 07:35:13 EDT 2012 Acquisition finished: Tue Apr 10 07:39:26 EDT 2012</p> <p>Device connectivity was established via supported interface</p>														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device	as expected
Assertion & Expected Result	Actual Result														
SPT-CA-01 Device connectivity via supported interfaces.	as expected														
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected														
SPT-CA-29 Acquire-All data objects acquisition.	as expected														
SPT-CA-30 Select-All data objects acquisition.	as expected														
SPT-CA-31 Select-Individual data objects acquisition.	as expected														
SPT-CA-32 Perform back-to-back acquisitions, check device	as expected														

Test Case SPT-01 Encase Smartphone Examiner v7.03	
	payload for modifications.
Analysis:	Expected results achieved

5.2.101 SPT-02 (iPhone4 CDMA)

Test Case SPT-02 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-02 Attempt internal memory acquisition of a non-supported mobile device.				
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 10 08:07:39 EDT 2012				
Device:	unsupported_device				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 10 08:07:39 EDT 2012 Acquisition finished: Tue Apr 10 08:26:26 EDT 2012 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.102 SPT-03 (iPhone4 CDMA)

Test Case SPT-03 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 10 08:27:36 EDT 2012				
Device:	iPhone4_CDMA				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 10 08:27:36 EDT 2012 Acquisition finished: Tue Apr 10 08:29:16 EDT 2012 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.103 SPT-04 (iPhone4 CDMA)

Test Case SPT-04 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Apr 10 08:30:48 EDT 2012				
Device:	iPhone4_CDMA				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 10 08:30:48 EDT 2012 Acquisition finished: Tue Apr 10 08:33:50 EDT 2012 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.104 SPT-05 (iPhone4 CDMA)

Test Case SPT-05 Encase Smartphone Examiner v7.03							
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).						
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Apr 10 09:49:00 EDT 2012						
Device:	iPhone4_CDMA						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Tue Apr 10 09:49:00 EDT 2012 Acquisition finished: Tue Apr 10 10:15:33 EDT 2012 IMEI, MEID/ESN were not acquired - NA						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>NA</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	NA	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	NA
Assertion & Expected Result	Actual Result						
SPT-CA-05 Acquisition of MSISDN, IMSI.	NA						
SPT-CA-06 Acquisition of IMEI/MEID/ESN.	NA						
Analysis:	Expected results achieved						

5.2.105 SPT-06 (iPhone4 CDMA)

Test Case SPT-06 Encase Smartphone Examiner v7.03																			
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.																		
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>																		
Tester Name:	rpa																		
Test Host:	Morrisy																		
Test Date:	Wed Apr 11 07:17:27 EDT 2012																		
Device:	iPhone4_CDMA																		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																		
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Wed Apr 11 07:17:27 EDT 2012</p> <p>Acquisition finished: Wed Apr 11 07:20:23 EDT 2012</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Expected results achieved																		

5.2.106 SPT-07 (iPhone4 CDMA)

Test Case SPT-07 Encase Smartphone Examiner v7.03

Test Case SPT-07 Encase Smartphone Examiner v7.03							
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 Apr 11 07:20:55 EDT 2012						
Device:	iPhone4_GSM						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 07:20:55 EDT 2012 Acquisition finished: Wed Apr 11 07:24:47 EDT 2012 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	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
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						

5.2.107 SPT-08 (iPhone4 CDMA)

Test Case SPT-08 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Apr 11 07:25:41 EDT 2012
Device:	iPhone4_CDMA
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 07:25:41 EDT 2012 Acquisition finished: Wed Apr 11 07:38:41 EDT 2012 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported
Results:	

Test Case SPT-08 Encase Smartphone Examiner v7.03		
	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	

5.2.108 SPT-09 (iPhone4 CDMA)

Test Case SPT-09 Encase Smartphone Examiner v7.03									
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).								
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Wed Apr 11 09:02:10 EDT 2012								
Device:	iPhone4_CDMA								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 09:02:10 EDT 2012 Acquisition finished: Wed Apr 11 09:05:02 EDT 2012 ALL MMS messages (Audio, Image, Video) were acquired								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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								

5.2.109 SPT-10 (iPhone4 CDMA)

Test Case SPT-10 Encase Smartphone Examiner v7.03	
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

Test Case SPT-10 Encase Smartphone Examiner v7.03									
	useable format via either an internal application or suggested third-party application.								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Wed Apr 11 09:45:45 EDT 2012								
Device:	iPhone4_CDMA								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 09:45:45 EDT 2012 Acquisition finished: Wed Apr 11 09:50:20 EDT 2012 Audio files were not acquired - NA Image files were acquired Video files were not acquired - NA								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td> <td>NA</td> </tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	NA	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	NA
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	NA								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	NA								
Analysis:	Expected results achieved								

5.2.110 SPT-12 (iPhone4 CDMA)

Test Case SPT-12 Encase Smartphone Examiner v7.03					
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 Apr 11 09:51:34 EDT 2012				
Device:	iPhone4_CDMA				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 09:51:34 EDT 2012 Acquisition finished: Wed Apr 11 10:00:48 EDT 2012 All Internet related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-28 Acquisition of Internet related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-28 Acquisition of Internet related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-28 Acquisition of Internet related data.	as expected				
Analysis:	Expected results achieved				

5.2.111 SPT-13 (iPhone4 CDMA)

Test Case SPT-13 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire

Test Case SPT-13 Encase Smartphone Examiner v7.03									
	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 Apr 11 10:01:15 EDT 2012								
Device:	iPhone4_CDMA								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 10:01:15 EDT 2012 Acquisition finished: Wed Apr 11 10:18:24 EDT 2012 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	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
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								

5.2.112 SPT-24 (iPhone4 CDMA)

Test Case SPT-24 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.				
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Apr 11 12:54:45 EDT 2012				
Device:	iPhone4_CDMA				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 12:54:45 EDT 2012 Acquisition finished: Wed Apr 11 12:55:38 EDT 2012 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.113 SPT-25 (iPhone4 CDMA)

Test Case SPT-25 Encase Smartphone Examiner v7.03

Test Case SPT-25 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.				
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Apr 11 12:57:23 EDT 2012				
Device:	iPhone4_CDMA				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 12:57:23 EDT 2012 Acquisition finished: Wed Apr 11 13:00:22 EDT 2012 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.114 SPT-29 (iPhone4 CDMA)

Test Case SPT-29 Encase Smartphone Examiner v7.03					
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 Apr 11 13:01:26 EDT 2012				
Device:	iPhone4_CDMA				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 13:01:26 EDT 2012 Acquisition finished: Wed Apr 11 13:07:03 EDT 2012 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.115 SPT-38 (iPhone4 CDMA)

Test Case SPT-38 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for

Test Case SPT-38 Encase Smartphone Examiner v7.03					
	each supported data object.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Apr 11 13:10:06 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Wed Apr 11 13:10:06 EDT 2012 Acquisition finished: Wed Apr 11 13:19:00 EDT 2012 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

5.2.116 SPT-01 (HTC Thunderbolt)

Test Case SPT-01 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Apr 13 06:52:14 EDT 2012
Device:	HTC_Thunderbolt
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 06:52:14 EDT 2012 Acquisition finished: Fri Apr 13 07:02:30 EDT 2012 Device connectivity was established via supported interface
Results:	

Test Case SPT-01 Encase Smartphone Examiner v7.03		
	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	

5.2.117 SPT-02 (HTC Thunderbolt)

Test Case SPT-02 Encase Smartphone Examiner v7.03						
Case Summary:	SPT-02 Attempt internal memory acquisition of a non-supported mobile device.					
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Fri Apr 13 07:02:57 EDT 2012					
Device:	unsupported_device					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 07:02:57 EDT 2012 Acquisition finished: Fri Apr 13 07:14:57 EDT 2012 Identification of non-supported devices was successful					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result					
SPT-CA-02 Identification of non-supported devices.	as expected					
Analysis:	Expected results achieved					

5.2.118 SPT-03 (HTC Thunderbolt)

Test Case SPT-03 Encase Smartphone Examiner v7.03		
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.	
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Apr 13 10:07:14 EDT 2012	
Device:	HTC_Thunderbolt	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 10:07:14 EDT 2012 Acquisition finished: Fri Apr 13 10:39:31 EDT 2012 Device acquisition disruption notification was successful	

Test Case SPT-03 Encase Smartphone Examiner v7.03					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.119 SPT-04 (HTC Thunderbolt)

Test Case SPT-04 Encase Smartphone Examiner v7.03					
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:	Fri Apr 13 10:41:40 EDT 2012				
Device:	HTC_Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 10:41:40 EDT 2012 Acquisition finished: Fri Apr 13 10:48:23 EDT 2012 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.120 SPT-05 (HTC Thunderbolt)

Test Case SPT-05 Encase Smartphone Examiner v7.03	
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:	Fri Apr 13 10:48:43 EDT 2012
Device:	HTC_Thunderbolt
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 10:48:43 EDT 2012 Acquisition finished: Fri Apr 13 10:50:07 EDT 2012 IMEI, MEID/ESN were acquired

Test Case SPT-05 Encase Smartphone Examiner v7.03							
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
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						

5.2.121 SPT-06 (HTC Thunderbolt)

Test Case SPT-06 Encase Smartphone Examiner v7.03															
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.														
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>														
Tester Name:	rpa														
Test Host:	Morrisy														
Test Date:	Fri Apr 13 12:17:06 EDT 2012														
Device:	HTC_Thunderbolt														
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable														
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Fri Apr 13 12:17:06 EDT 2012</p> <p>Acquisition finished: Fri Apr 13 12:31:03 EDT 2012</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected
Assertion & Expected Result	Actual Result														
SPT-CA-07 Acquisition of address book entries.	as expected														
SPT-CA-08 Acquisition of maximum length address book entries.	as expected														
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected														
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected														
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected														
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected														

Test Case SPT-06 Encase Smartphone Examiner v7.03		
	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected
	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Analysis:	Expected results achieved	

5.2.122 SPT-07 (HTC Thunderbolt)

Test Case SPT-07 Encase Smartphone Examiner v7.03								
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.							
Assertions:	<p>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.</p> <p>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.</p>							
Tester Name:	rpa							
Test Host:	Morrisy							
Test Date:	Fri Apr 13 12:31:34 EDT 2012							
Device:	HTC_Thunderbolt							
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable							
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner</p> <p>Acquisition started: Fri Apr 13 12:31:34 EDT 2012</p> <p>Acquisition finished: Fri Apr 13 12:34:14 EDT 2012</p> <p>All Call Logs (incoming, outgoing, missed) were acquired</p> <p>All Call Log date/time stamps data were correctly reported</p>							
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>		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
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							

5.2.123 SPT-08 (HTC Thunderbolt)

Test Case SPT-08 Encase Smartphone Examiner v7.03		
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.	
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Apr 13 12:34:49 EDT 2012	
Device:	HTC_Thunderbolt	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	

Test Case SPT-08 Encase Smartphone Examiner v7.03											
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 12:34:49 EDT 2012 Acquisition finished: Fri Apr 13 12:36:31 EDT 2012</p> <p>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</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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										

5.2.124 SPT-09 (HTC Thunderbolt)

Test Case SPT-09 Encase Smartphone Examiner v7.03									
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).								
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Fri Apr 13 12:38:00 EDT 2012								
Device:	HTC_Thunderbolt								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 12:38:00 EDT 2012 Acquisition finished: Fri Apr 13 12:41:58 EDT 2012</p> <p>ALL MMS messages (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table>	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
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								

5.2.125 SPT-11 (HTC Thunderbolt)

Test Case SPT-11 Encase Smartphone Examiner v7.03

Test Case SPT-11 Encase Smartphone Examiner v7.03					
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:	Fri Apr 13 12:49:20 EDT 2012				
Device:	HTC_Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 12:49:20 EDT 2012 Acquisition finished: Fri Apr 13 12:54:33 EDT 2012 Application data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-27 Acquisition of application related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-27 Acquisition of application related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-27 Acquisition of application related data.	as expected				
Analysis:	Expected results achieved				

5.2.126 SPT-12 (HTC Thunderbolt)

Test Case SPT-12 Encase Smartphone Examiner v7.03					
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:	Fri Apr 13 12:55:01 EDT 2012				
Device:	HTC_Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 12:55:01 EDT 2012 Acquisition finished: Fri Apr 13 13:10:06 EDT 2012 All Internet related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-28 Acquisition of Internet related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-28 Acquisition of Internet related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-28 Acquisition of Internet related data.	as expected				
Analysis:	Expected results achieved				

5.2.127 SPT-13 (HTC Thunderbolt)

Test Case SPT-13 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire

Test Case SPT-13 Encase Smartphone Examiner v7.03									
	All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Fri Apr 13 13:10:36 EDT 2012								
Device:	HTC_Thunderbolt								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 13:10:36 EDT 2012 Acquisition finished: Fri Apr 13 13:12:13 EDT 2012 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	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
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								

5.2.128 SPT-24 (HTC Thunderbolt)

Test Case SPT-24 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.				
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Apr 13 13:13:08 EDT 2012				
Device:	HTC_Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 13:13:08 EDT 2012 Acquisition finished: Fri Apr 13 13:14:15 EDT 2012 Complete representation of known data via generated reports was not successful Notes: For physical acquires only graphic files are reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	Not as expected				
Analysis:	Expected results not achieved				

5.2.129 SPT-25 (HTC Thunderbolt)

Test Case SPT-25 Encase Smartphone Examiner v7.03					
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.				
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Apr 13 13:16:20 EDT 2012				
Device:	HTC Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 13:16:20 EDT 2012 Acquisition finished: Fri Apr 13 13:21:43 EDT 2012 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.130 SPT-29 (HTC Thunderbolt)

Test Case SPT-29 Encase Smartphone Examiner v7.03					
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:	Fri Apr 13 13:22:16 EDT 2012				
Device:	HTC Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 13:22:16 EDT 2012 Acquisition finished: Fri Apr 13 13:26:08 EDT 2012 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.131 SPT-31 (HTC Thunderbolt)

Test Case SPT-31 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-31 Perform a physical acquisition and review data output for readability.

Test Case SPT-31 Encase Smartphone Examiner v7.03					
Assertions:	SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Apr 13 13:59:36 EDT 2012				
Device:	HTC_Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 13:59:36 EDT 2012 Acquisition finished: Fri Apr 13 14:05:40 EDT 2012 Physical Acquisition: readability and completeness was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-31 Physical acquisition, data is presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-31 Physical acquisition, data is presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-31 Physical acquisition, data is presented in a useable format.	as expected				
Analysis:	Expected results achieved				

5.2.132 SPT-32 (HTC Thunderbolt)

Test Case SPT-32 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-32 Perform a physical acquisition and review reports for recoverable deleted data.
Assertions:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Apr 13 14:06:02 EDT 2012

Test Case SPT-32 Encase Smartphone Examiner v7.03																			
Device:	HTC_Thunderbolt																		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																		
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 14:06:02 EDT 2012 Acquisition finished: Fri Apr 13 14:12:06 EDT 2012</p> <p>Deleted address book entries were recovered Deleted PIM data was recovered Deleted Call log data was recovered Deleted text message data was recovered Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-32 Physical acquisition, recovery of deleted address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-33 Physical acquisition, recovery of deleted PIM data.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-34 Physical acquisition, recovery of deleted call logs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.</td> <td>NA</td> </tr> <tr> <td>SPT-AO-38 Physical acquisition, recovery of deleted graphic files.</td> <td>NA</td> </tr> <tr> <td>SPT-AO-39 Physical acquisition, recovery of deleted video files.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	as expected	SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	as expected	SPT-AO-34 Physical acquisition, recovery of deleted call logs.	as expected	SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected	SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected	SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.	NA	SPT-AO-38 Physical acquisition, recovery of deleted graphic files.	NA	SPT-AO-39 Physical acquisition, recovery of deleted video files.	NA
Assertion & Expected Result	Actual Result																		
SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	as expected																		
SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	as expected																		
SPT-AO-34 Physical acquisition, recovery of deleted call logs.	as expected																		
SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected																		
SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected																		
SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.	NA																		
SPT-AO-38 Physical acquisition, recovery of deleted graphic files.	NA																		
SPT-AO-39 Physical acquisition, recovery of deleted video files.	NA																		
Analysis:	Expected results achieved																		

5.2.133 SPT-33 (HTC Thunderbolt)

Test Case SPT-33 Encase Smartphone Examiner v7.03	
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	<p>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.</p> <p>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.</p>
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Apr 13 14:13:31 EDT 2012
Device:	HTC_Thunderbolt
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	<p>Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 14:13:31 EDT 2012 Acquisition finished: Fri Apr 13 14:14:53 EDT 2012</p> <p>Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed</p>
Results:	

Test Case SPT-33 Encase Smartphone Examiner v7.03		
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

5.2.134 SPT-38 (HTC Thunderbolt)

Test Case SPT-38 Encase Smartphone Examiner v7.03						
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects.					
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Fri Apr 13 14:14:14 EDT 2012					
Device:	HTC_Thunderbolt					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by EnCase 7.03 Smartphone Examiner Acquisition started: Fri Apr 13 14:14:14 EDT 2012 Acquisition finished: Fri Apr 13 14:15:11 EDT 2012 Hash values were properly reported for individually acquired device data elements					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected	
Assertion & Expected Result	Actual Result					
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected					
Analysis:	Expected results achieved					