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Special **REPORT**

# Test Results for Mobile Device Acquisition Tool: Secure View 2.1.0

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**NOV. 2010**

## Test Results for Mobile Device Acquisition Tool: Secure View 2.1.0

*NIJ*

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**Test Results for Mobile Device Acquisition Tool:**
Secure View 2.1.0

NIST
**National Institute of
Standards and Technology**
U.S. Department of Commerce

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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 (DHS), and the National Institute of Standards and Technology Office of Law Enforcement Standards (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, and the U.S. Department of Homeland Security's Bureau of Immigration and Customs Enforcement, U.S. Customs and Border Protection and U.S. Secret Service. The objective of the CFTT program is to provide measurable assurance to practitioners, researchers, and other users that the tools used in computer forensics investigations provide accurate results. Accomplishing this requires the development of specifications and test methods for computer forensics tools and subsequent testing of specific tools against those specifications.

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

This document reports the results from testing Secure View, version 2.1.0, against the *Smart Phone Tool Test Assertions and Test Plan*, available at the CFTT Web site (www.cftt.nist.gov/mobile_devices.htm).

Test results from other software packages and the CFTT tool methodology can be found on NIJ's computer forensics tool testing Web page, http://www.ojp.usdoj.gov/nij/topics/technology/electronic-crime/cftt.htm.

# How to Read This Report

This report is divided into five sections. The first section is a summary of the results from the test runs. This section is sufficient for most readers to assess the suitability of the tool for the intended use. The remaining sections of the report describe how the tests were conducted and provide documentation of test case run details that support the report summary. Sections 2 and 3 provide justification for the selection of test cases and assertions from the set of possible cases defined in the test plan for smart phone forensic tools. The test cases are selected, in general, based on features offered by the tool. Section 4 lists the hardware and software used to run the test cases. Section 5 contains a

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

## Test Results for Mobile Device Data Acquisition Tool

Tool Tested:          Secure View
Version:             2.1.0

Run Environments:    Windows XP Service Pack 2

Supplier:            Susteen, Inc.
Address:            8001 Irvine Center Dr. Suite 1500, Irvine, CA 92618

Tel:                949-341-0007
Fax:               949-341-0008
WWW:           http://www.susteen.com

# 1  Results Summary

Except for the following test cases: SPT-01 (iPhone 3Gs), SPT-03 (Blackberry Bold 9700, HTC Touch Pro 2, Blackberry 9630), SPT-06 (Blackberry Bold 9700, HTC Tilt 2, Nokia e71x, HTC Touch Pro 2, Blackberry 9630), SPT-13 (HTC Touch Pro 2, Blackberry 9630), SPT-33 (Blackberry Bold 9700, HTC Tilt 2, HTC Touch Pro 2, Blackberry 9630, Samsung Moment), SPT-34 (iPhone 3Gs, Blackberry Bold 9700, HTC Tilt2, Nokia e71x), SPT-10 (Nokia e71x, HTC Touch Pro 2), SPT-12 (HTC Touch Pro 2) the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices (i.e., iPhone 3Gs, Blackberry Bold 9700, HTC Tilt 2, Nokia e71x, HTC Touch Pro 2, Blackberry 9630, Samsung Moment).  The exceptions were the following:

- Connectivity was not established using the supported interface. Test Case: SPT-01 (iPhone 3Gs)
- Notification of device acquisition disruption was not successful. Test Case: SPT-03 (Blackberry Bold 9700, HTC Touch Pro 2, Blackberry 9630)
- Maximum length address book entries were truncated. Test Case: SPT-06 (Blackberry Bold 9700, HTC Tilt 2, Nokia e71x, HTC Touch Pro 2, Blackberry 9630)
- Calendar entries were not acquired.  Test Case: SPT-06 (HTC Touch Pro 2)
- Acquisition of individual data elements causes the Secure View application to lock, forcing the examiner to terminate the process and restart the application. Test Case: SPT-13 (Blackberry Bold 9700, HTC Touch Pro 2, Blackberry 9630)
- Non-ASCII address book entries and text messages are not properly reported in their native format for supported devices. Test Case: SPT-33 (Blackberry Bold 9700, HTC Tilt 2, HTC Touch Pro 2, Blackberry 9630, Samsung Moment) and Test Case: SPT-34 (iPhone 3Gs, Blackberry Bold 9700, HTC Tilt2, Nokia e71x)
- Video files are not acquired.  Test Case: SPT-10 (Nokia e71x, HTC Touch Pro 2)
- Internet related data are not acquired. Test Case: SPT-12 (HTC Touch Pro 2)

# 2 Test Case Selection

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

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

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| Base Cases | SPT-01 |
| Acquire SIM memory over supported interfaces (e.g., PC/SC reader). | SPT-14 |
| Attempt acquisition of a non-supported SIM. | SPT-15 |
| Begin SIM acquisition and interrupt connectivity by interface disengagement. | SPT-16 |
| Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). | SPT-17 |
| Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN). | SPT-18 |
| Acquire SIM memory and review reported Last Numbers Dialed (LND). | SPT-19 |
| Acquire SIM memory and review reported text messages (SMS, EMS). | SPT-20 |
| Acquire SIM memory and review recoverable deleted text messages (SMS, EMS). | SPT-21 |
| Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI). | SPT-22 |
| Acquire SIM memory by selecting a combination of supported data elements. | SPT-23 |
| Acquire SIM memory and review reported data via supported generated report formats. | SPT-26 |
| Acquire SIM memory and review reported data via the preview-pane. | SPT-27 |
| Attempt acquisition of a password-protected SIM. | SPT-28 |
| 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 |

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

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| Attempt internal memory acquisition of a non-supported mobile device. | SPT-02 |
| Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement. | SPT-03 |
| Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. | SPT-04 |
| Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN). | SPT-05 |
| Acquire mobile device internal memory and review reported PIM related data. | SPT-06 |
| Acquire mobile device internal memory and review reported call logs. | SPT-07 |
| Acquire mobile device internal memory and review reported text messages. | SPT-08 |
| 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 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 |
| Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites. | SPT-12 |
| Acquire mobile device internal memory by selecting a combination of supported data elements. | 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 |
| 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 |
| Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM. | SPT-37 |
| Acquire mobile device internal memory and review hash values for vendor supported data objects. | SPT-38 |
| Acquire SIM memory and review hash values for vendor supported data objects. | SPT-39 |
| Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates. | SPT-40 |

**Table 1b: Selected Test Cases (BlackBerry Bold 9700)**

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| Base Cases | SPT-01, SPT-02, SPT-03, SPT-04, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-11, 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 |
| 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 | SPT-36 |

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| attempts are decremented when entering an incorrect value. | |
| Acquire mobile device internal memory and review hash values for vendor supported data objects. | SPT-38 |

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

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN). | SPT-05 |
| Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites. | SPT-12 |
| After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. | SPT-29 |
| After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case. | SPT-30 |
| Perform a physical acquisition and review data output for readability. | SPT-31 |
| Perform a physical acquisition and review reports for recoverable deleted data. | SPT-32 |
| 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 1c: Selected Test Cases (HTC Tilt2)**

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| Base Cases | SPT-01, SPT-02, SPT-03, SPT-04, SPT-06, SPT-07, SPT-10, 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 |

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| 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 |
| 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 |
| Acquire mobile device internal memory and review hash values for vendor supported data objects. | SPT-38 |

**Table 2c: Omitted Test Cases (HTC Tilt2)**

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN). | SPT-05 |
| Acquire mobile device internal memory and review reported text messages. | SPT-08 |
| 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 |

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites. | SPT-12 |
| After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. | SPT-29 |
| After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case. | SPT-30 |
| Perform a physical acquisition and review data output for readability. | SPT-31 |
| Perform a physical acquisition and review reports for recoverable deleted data. | SPT-32 |
| 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 1d: Selected Test Cases (Nokia e71x)**

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| Base Cases | SPT-01, SPT-02, SPT-03, SPT-04, SPT-06, SPT-09, SPT-10, 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 | SPT-24 |

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| data via supported generated report formats. | |
| 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 |
| 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 |
| Acquire mobile device internal memory and review hash values for vendor supported data objects. | SPT-38 |

**Table 2d: Omitted Test Cases (Nokia e71x)**

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN). | SPT-05 |
| Acquire mobile device internal memory and review reported call logs. | SPT-07 |
| Acquire mobile device internal memory and review reported text messages. | SPT-08 |
| Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents). | SPT-11 |
| Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites. | SPT-12 |
| After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. | SPT-29 |
| After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case. | SPT-30 |
| Perform a physical acquisition and review data output for readability. | SPT-31 |
| Perform a physical acquisition and review reports for recoverable deleted data. | SPT-32 |
| Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM. | SPT-37 |

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| 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 Touch Pro 2)**

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| Base Cases | SPT-01, SPT-02, SPT-03, SPT-04, SPT-06, SPT-07, SPT-10, 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 |
| 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 Touch Pro 2)**

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN). | SPT-05 |
| Acquire mobile device internal memory and review reported text messages. | SPT-08 |
| Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video). | SPT-09 |
| 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 |

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI). | SPT-22 |
| Acquire SIM memory by selecting a combination of supported data elements. | SPT-23 |
| Acquire SIM memory and review reported data via supported generated report formats. | SPT-26 |
| Acquire SIM memory and review reported data via the preview-pane. | SPT-27 |
| Attempt acquisition of a password-protected SIM. | SPT-28 |
| After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. | SPT-29 |
| After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case. | SPT-30 |
| Perform a physical acquisition and review data output for readability. | SPT-31 |
| Perform a physical acquisition and review reports for recoverable deleted data. | SPT-32 |
| Acquire SIM memory and review data containing non-ASCII characters. | SPT-34 |
| Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. | SPT-35 |
| Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value. | SPT-36 |
| Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM. | SPT-37 |
| Acquire SIM memory and review hash values for vendor supported data objects. | SPT-39 |
| Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates. | SPT-40 |

**Table 1f: Selected Test Cases (Blackberry 9630)**

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| Base Cases | SPT-01, SPT-02, SPT-03, SPT-04, SPT-06, SPT-07, SPT-08, SPT-10, SPT-11, 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 |
| Acquire mobile device internal memory and review data containing non-ASCII characters. | SPT-33 |
| Acquire mobile device internal memory and | SPT-38 |

| Supported Test Cases | Cases Selected for Execution |
|---|---|
| review hash values for vendor supported data objects. | |

**Table 2f: Omitted Test Cases (Blackberry 9630)**

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN). | SPT-05 |
| Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video). | SPT-09 |
| Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites. | SPT-12 |
| Acquire SIM memory over supported interfaces (e.g., PC/SC reader). | SPT-14 |
| Attempt acquisition of a non-supported SIM. | SPT-15 |
| Begin SIM acquisition and interrupt connectivity by interface disengagement. | SPT-16 |
| Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). | SPT-17 |
| Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN). | SPT-18 |
| Acquire SIM memory and review reported Last Numbers Dialed (LND). | SPT-19 |
| Acquire SIM memory and review reported text messages (SMS, EMS). | SPT-20 |
| Acquire SIM memory and review recoverable deleted text messages (SMS, EMS). | SPT-21 |
| Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI). | SPT-22 |
| Acquire SIM memory by selecting a combination of supported data elements. | SPT-23 |
| Acquire SIM memory and review reported data via supported generated report formats. | SPT-26 |
| Acquire SIM memory and review reported data via the preview-pane. | SPT-27 |
| Attempt acquisition of a password-protected SIM. | SPT-28 |
| After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. | SPT-29 |
| After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case. | SPT-30 |
| Perform a physical acquisition and review data output for readability. | SPT-31 |
| Perform a physical acquisition and review reports for recoverable deleted data. | SPT-32 |
| Acquire SIM memory and review data containing non-ASCII characters. | SPT-34 |
| Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. | SPT-35 |

| Unsupported Test Cases | Cases omitted - not executed |
|---|---|
| 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 1g: Selected Test Cases (Samsung Moment)**

| Supported Optional Feature | Cases Selected for Execution |
|---|---|
| Base Cases | SPT-01, SPT-02, SPT-03, SPT-04, SPT-06, SPT-07, SPT-08, 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 |
| 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 2g: Omitted Test Cases (Samsung Moment)**

| Unsupported Optional Feature | Cases omitted - not executed |
|---|---|
| Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN). | SPT-05 |
| Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video). | SPT-09 |
| 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 |
| Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites. | SPT-12 |
| Acquire SIM memory over supported interfaces (e.g., PC/SC reader). | SPT-14 |
| Attempt acquisition of a non-supported SIM. | SPT-15 |
| Begin SIM acquisition and interrupt connectivity by interface | SPT-16 |

| Unsupported Optional Feature | Cases omitted - not executed |
|---|---|
| disengagement. | |
| Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN). | SPT-17 |
| Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN). | SPT-18 |
| Acquire SIM memory and review reported Last Numbers Dialed (LND). | SPT-19 |
| Acquire SIM memory and review reported text messages (SMS, EMS). | SPT-20 |
| Acquire SIM memory and review recoverable deleted text messages (SMS, EMS). | SPT-21 |
| Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI). | SPT-22 |
| Acquire SIM memory by selecting a combination of supported data elements. | SPT-23 |
| Acquire SIM memory and review reported data via supported generated report formats. | SPT-26 |
| Acquire SIM memory and review reported data via the preview-pane. | SPT-27 |
| Attempt acquisition of a password-protected SIM. | SPT-28 |
| After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case. | SPT-29 |
| After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case. | SPT-30 |
| Perform a physical acquisition and review data output for readability. | SPT-31 |
| Perform a physical acquisition and review reports for recoverable deleted data. | SPT-32 |
| Acquire SIM memory and review data containing non-ASCII characters. | SPT-34 |
| Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. | SPT-35 |
| Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value. | SPT-36 |
| Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM. | SPT-37 |
| Acquire SIM memory and review hash values for vendor supported data objects. | SPT-39 |
| Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates. | SPT-40 |

# 3  Results by Test Assertion

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

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

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). | 1 | 3.1 |
| SPT-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 | |
| 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 | 1 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| 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. | 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 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-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. | 1 | |
| 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. | 1 | |
| SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. | 1 | |
| SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. | 1 | |
| SPT-AO-30 If a cellular forensic tool provides the examiner with the | 1 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. | | |
| SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. | 1 | 3.5 |
| 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 | 3.5 |

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

| 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 | 3.2 |
| 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-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 | 3.3 |
| 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 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note 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 application. | 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 | 1 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| application or suggested third-party application. | | |
| 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. | 2 | 3.4 |
| SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. | 2 | 3.4 |
| SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. | 1 | |
| SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). | 2 | |
| SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported. | 1 | |
| SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted. | 1 | |
| SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. | 1 | |
| SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. | 1 | |
| SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. | 1 | |
| SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format. | 1 | |
| 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 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| 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 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-25 If a cellular forensic tool completes acquisition of the target device / 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 target device / SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view. | 2 | |
| SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. | 1 | |
| SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. | 1 | |
| SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. | 1 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| 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. | 2 | 3.5 |
| 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 | 3.5 |
| 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 3c: Assertions Tested: (HTC Tilt 2)**

| 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-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 | 3.3 |
| 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 | |

| 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 | |
| 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-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-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. | 2 | |
| SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. | 2 | |
| SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. | 1 | |
| SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). | 2 | |
| SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported. | 1 | |
| SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted. | 1 | |
| SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. | 1 | |
| SPT-AO-05 If a cellular forensic tool completes acquisition of the target | 1 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| 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. | 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 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 | 1 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| 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. | 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-25 If a cellular forensic tool completes acquisition of the target device / 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 target device / SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view. | 2 | |
| SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. | 1 | |
| SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. | 1 | |
| SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. | 1 | |
| SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. | 2 | 3.5 |
| 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 | 3.5 |
| 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 3d: Assertions Tested: (Nokia e71x)**

| 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 | 2 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. | | |
| SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. | 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 | 3.3 |
| 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-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 | 1 | 3.6 |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application. | | |
| SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. | 2 | |
| SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. | 2 | |
| SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. | 1 | |
| SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). | 2 | |
| SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported. | 1 | |
| SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted. | 1 | |
| SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. | 1 | |
| SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. | 1 | |
| SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. | 1 | |
| SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format. | 1 | |
| 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 | 1 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| 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. | 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 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-25 If a cellular forensic tool completes acquisition of the target device / 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 target device / SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view. | 2 | |
| SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. | 1 | |
| SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. | 1 | |
| SPT-AO-30 If a cellular forensic tool provides the examiner with the | 1 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. | | |
| SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. | 2 | 3.5 |
| 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 | 3.5 |
| 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 Touch Pro 2)**

| 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 | 3.2 |
| 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-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 | 3.3 |
| 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 | 3.3 |
| 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 | 3.3 |
| 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-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 | 3.6 |
| 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 | 3.7 |
| SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. | 2 | 3.4 |
| SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. | 2 | 3.4 |
| 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 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| 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-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 | 3.5 |
| 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 3f: Assertions Tested: (Blackberry 9630)**

| 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 | 3.2 |
| 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-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 | 3.3 |
| 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 | |

| 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 | |
| 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-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-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-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. | 2 | 3.4 |
| 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 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. | 1 | |
| SPT-AO-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-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 | 3.5 |
| 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 3g: Assertions Tested: (Samsung Moment)**

| 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-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 | 1 | |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| 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. | 1 | |
| SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. | 1 | |
| SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format. | 1 | |
| SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. | 1 | |
| SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format. | 1 | |
| SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. | 1 | |
| SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. | 1 | |
| SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. | 1 | |
| SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format. | 1 | |
| 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-40 If the cellular forensic tool supports display of non-ASCII | 1 | 3.5 |

| Assertions Tested | Tests | Anomaly |
|---|---|---|
| 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. | 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-4g lists the assertions that were not tested, usually due to the tool not supporting an optional feature.

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

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

| Assertions Not Tested |
|---|
| error then maximum length datebook, calendar, note entries shall be presented in a useable format. |
| SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. |
| SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format. |
| SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. |
| SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. |
| SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. |
| SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format. |
| SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. |
| SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. |
| SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format. |
| SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format. |
| SPT-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 |

| Assertions Not Tested |
|---|
| data objects without error. |
| SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. |
| SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object  without error. |
| SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| SPT-AO-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. |

| Assertions Not Tested |
|---|
| SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format. |

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

| Assertions Not Tested |
|---|
| SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. |
| SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format. |
| SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format. |
| SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. |
| SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| SPT-AO-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. |

| Assertions Not Tested |
|---|
| 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 (HTC Tilt 2)**

| Assertions Not Tested |
|---|
| SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. |
| SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format. |
| SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. |
| SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. |
| SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. |
| SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format. |
| SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. |
| SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. |
| SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format. |
| SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without |

error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.

SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.

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

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

SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

SPT-AO-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

| Assertions Not Tested |
|---|
| in a useable format. |

**Table 4d: Assertions Not Tested (Nokia e71x)**

| Assertions Not Tested |
|---|
| SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. |
| SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format. |
| SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. |
| SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format. |
| SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. |
| SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. |
| SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. |
| SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format. |
| SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format. |
| SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. |
| SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error. |

| Assertions Not Tested |
|---|
| SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format. |
| SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format. |
| SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format. |
| SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format. |
| SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format. |
| SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format. |
| SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format. |
| SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format. |
| SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition. |
| SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format. |

**Table 4e: Assertions Not Tested (HTC Touch Pro 2)**

| Assertions Not Tested |
|---|
| SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. |
| SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format. |
| SPT-CA-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 |

| Assertions Not Tested |
|---|
| presented in a useable format. |
| SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format. |
| SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. |
| SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. |
| SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format. |
| SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported. |
| SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted. |
| SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. |
| SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. |
| SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. |
| SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format. |
| SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. |
| SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. |
| SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. |
| SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format. |
| SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. |
| SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format. |
| SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. |

| Assertions Not Tested |
|---|
| SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. |
| SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. |
| SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. |
| SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format. |
| SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format. |
| SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. |
| SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format. |
| SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. |
| SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. |
| SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error. |
| SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format. |
| SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted |

| Assertions Not Tested |
|---|
| 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-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 4f: Assertions Not Tested (Blackberry 9630)**

| Assertions Not Tested |
|---|
| SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. |
| SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format. |
| SPT-CA-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-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. |

| Assertions Not Tested |
|---|
| SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported. |
| SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted. |
| SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. |
| SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. |
| SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. |
| SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format. |
| SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. |
| SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. |
| SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. |
| SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format. |
| SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. |
| SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format. |
| SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. |
| SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. |
| SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. |
| SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. |
| SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format. |

| Assertions Not Tested |
|---|
| SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format. |
| SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. |
| SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format. |
| SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. |
| SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. |
| SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error. |
| SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format. |
| SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format. |
| SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format. |
| SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format. |
| SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format. |
| SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present |

| 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-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 4g: Assertions Not Tested (Samsung Moment)**

| Assertions Not Tested |
|---|
| SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. |
| SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format. |
| SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. |
| SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. |
| SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format. |
| SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application. |
| SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall |

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

| Assertions Not Tested |
|---|
| presented in a useable format. |
| SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format. |
| SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. |
| SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format. |
| SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. |
| SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification. |
| SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. |
| SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error. |
| SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format. |
| SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format. |
| SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format. |
| SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format. |
| SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format. |

| Assertions Not Tested |
|---|
| SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format. |
| SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format. |
| SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format. |
| SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition. |
| SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format. |

The following sections provide detailed information for the anomalies specified in Tables 3a – 3g.

## 3.1  Connectivity by supported interface

For test case SPT-01 connectivity to the iPhone 3Gs was not established.  The following message occurred.  DpReport has encountered a problem and needs to close.  Note: iTunes versions 8 to 9.1 were used during acquisition attempts.

## 3.2  Acquisition Disruption

Notification of device acquisition disruption was not successful for test case SPT-03 for the Blackberry Bold 9700, HTC Touch Pro 2 and the Blackberry 9630.  Disruption was initiated by removing the cable from the mobile device interface during acquisition.

## 3.3  PIM Data Acquisition

Acquisition of Personal Information Management (PIM) data includes: address book entries, datebook/calendar and memo entries.

Maximum length address book entries were truncated after the $36^{th}$ character when acquiring data from the Blackberry Bold 9700 for test case SPT-06.

Maximum length address book entries were truncated after the $62^{nd}$ character when acquiring data from the HTC Tilt2, HTC Touch Pro 2, and the Blackberry 9630 for test case SPT-06.

Maximum length address book entries were truncated after the $84^{th}$ character when acquiring data from the Nokia e71x for test case SPT-06.

Calendar entries were not acquired.  The Secure View application locks when acquisition of calendar entries is attempted when acquiring data from the HTC Touch Pro 2 for test case SPT-06.

## 3.4  Acquisition Variations

For test case SPT-13, acquisition of individual data elements, specifically Calendar entries causes the Secure View application to lock when selecting the Calendar entry individually or selecting all data elements, forcing the examiner to terminate the process and restart the application when acquiring data from the Blackberry Bold 9700 and the HTC Touch Pro 2.

Selecting all data elements causes the Secure View application to lock when attempting acquisition of the Blackberry 9630.

### 3.5  Acquisition of Non-ASCII Characters

Acquisition of non-ASCII address book entries containing French accent marks were not reported in their native format for the following devices: Blackberry Bold 9700, HTC Tilt 2, HTC Touch Pro 2, Blackberry 9630 and the Samsung Moment.

Text messages containing non-ASCII characters were not properly reported in their native format when acquiring data from the Blackberry Bold 9700 for test case SPT-33.

Acquisition of non-ASCII abbreviated dialing numbers and text messages containing non-ASCII characters (i.e., French accent marks and Chinese characters) when acquired from the SIM were not properly reported in their native format from the iPhone3Gs, Blackberry Bold 9700, HTC Tilt 2 and the Nokia e71x for test case SPT-34.

### 3.6  Acquisition of Stand-alone data files

Acquisitions of stand-alone data files (i.e., video files of type .flv) were not acquired from the Nokia e71x and the HTC Touch Pro 2 for test case SPT-10.

### 3.7  Acquisition of Internet related data

Acquisition of Internet related data was not acquired from the HTC Touch Pro 2, only bookmarked URLs.

# 4 Testing Environment

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

## 4.1 Test Computers

One test computer was used.

**Morrisy** has the following configuration:

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

## 4.2 Mobile Devices

The following table contains the mobile devices used.

| Make | Model | OS | Network |
|------|-------|-----|---------|
| Apple iPhone | 3Gs | iPhone | AT&T |
| Blackberry | Bold 9700 | Blackberry | AT&T |
| HTC | Tilt2 | Windows Mobile 6.5 | AT&T |
| Nokia | E71x | Symbian | AT&T |
| HTC | Touch Pro 2 | Windows Mobile 6.1 | Sprint |
| Blackberry | Tour 9630 | Blackerry | Sprint |
| Samsung | Moment | Android | Sprint |
| Palm | Pixi | Palm OS | Sprint |

## 4.3  Internal Memory Data Objects

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

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

| Data Objects | Data Elements |
|---|---|
| Stand-alone data files | |
| | Audio |
| | Graphic |
| | Video |
| | Audio - Deleted |
| | Graphic - Deleted |
| | Video - Deleted |
| Application Data | |
| | Device Specific App Data |
| Location Data | |
| | GPS Coordinates |

## 4.4  Subscriber Identity Module Data Objects

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

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

# 5  Test Results

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

## 5.1  Test Results Report Key

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

**Table 5 Test Results Report Key**

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

## 5.2 Test Details

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

| Test Case SPT-01 Secure View 2 Version 2.1.0 | |
|---|---|
| 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). |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 8 07:06:37 EDT 2010 |
| Device: | iPhone3Gs |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 07:06:37 EDT 2010<br>Acquisition finished: Thu Apr 8 08:08:34 EDT 2010<br><br>Device connectivity was established via supported interface<br>**Notes**:<br>The following error occurs when attempting acquisition: DpReport has encountered a problem and needs to close. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-01 Device connectivity via supported interfaces. | Not as expected |

| Analysis: | Expected results Not achieved |
|---|---|

## 5.2.2  SPT-14 (iPhone 3Gs)

| Test Case SPT-14 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:10:08 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:10:08 EDT 2010<br>Acquisition finished: Wed May 26 12:10:22 EDT 2010<br><br>Media connectivity was established via supported interface |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.3 SPT-15 (iPhone 3Gs)

| Test Case SPT-15 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-15 Attempt acquisition of a non-supported SIM. |
| Assertions: | SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:10:49 EDT 2010 |
| Device: | Unsupported_sim |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:10:49 EDT 2010<br>Acquisition finished: Wed May 26 12:13:09 EDT 2010<br><br>Identification of non-supported media was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-02 Identification of non-supported SIMs. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.4  SPT-16 (iPhone 3Gs)

| | |
|---|---|
| **Test Case SPT-16 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:13:33 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:13:33 EDT 2010<br>Acquisition finished: Wed May 26 12:14:28 EDT 2010<br><br>Media acquisition disruption notification was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-03 Notification of SIM acquisition disruption. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.5 SPT-17 (iPhone 3Gs)

| Test Case SPT-17 Secure View 2 Version 2.1.0 | |
|---|---|
| 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.<br>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.<br>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.<br>SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:14:59 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:14:59 EDT 2010<br>Acquisition finished: Wed May 26 12:16:12 EDT 2010<br><br>All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-04 Acquisition of SPN. | as expected |
| SPT-AO-05 Acquisition of ICCID. | as expected |
| SPT-AO-06 Acquisition of IMSI. | as expected |
| SPT-AO-07 Acquisition of MSISDN. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.6 SPT-18 (iPhone 3Gs)

| | |
|---|---|
| **Test Case SPT-18 Secure View 2 Version 2.1.0** | |
| 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.<br>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.<br>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.<br>SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:16:35 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:16:35 EDT 2010<br>Acquisition finished: Wed May 26 12:18:49 EDT 2010<br><br>All ADNs were acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-08 Acquisition of ADNs. | as expected |
| SPT-AO-09 Acquisition of maximum length ADNs. | as expected |
| SPT-AO-10 Acquisition of special character ADNs. | as expected |
| SPT-AO-11 Acquisition of blank name ADNs. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.7 SPT-19 (iPhone 3Gs)

| Test Case SPT-19 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND). |
| Assertions: | SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.<br>SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:19:13 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:19:13 EDT 2010<br>Acquisition finished: Wed May 26 12:24:05 EDT 2010<br><br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-12 Acquisition of LNDs. | as expected |
| SPT-AO-13 Acquisition of LND date/time stamps. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.8  SPT-20 (iPhone 3Gs)

| Test Case SPT-20 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS). |
| Assertions: | SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.<br>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.<br>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.<br>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.<br>SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:24:28 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:24:28 EDT 2010<br>Acquisition finished: Wed May 26 12:25:58 EDT 2010<br><br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></table> |
| Analysis: | Expected results achieved |

## 5.2.9  SPT-21 (iPhone 3Gs)

| | |
|---|---|
| **Test Case SPT-21 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS). |
| Assertions: | SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:26:29 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:26:29 EDT 2010<br>Acquisition finished: Wed May 26 12:48:29 EDT 2010<br><br>Deleted text message data was recovered |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-19 Acquisition of non-overwritten deleted text messages. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.10  SPT-22 (iPhone 3Gs)

| Test Case SPT-22 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI). |
| Assertions: | SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.<br>SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:48:59 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:48:59 EDT 2010<br>Acquisition finished: Wed May 26 12:50:37 EDT 2010<br><br>LOCI data was acquired<br>GPRSLOCI data was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-20 Acquisition of LOCI information. | as expected |
| SPT-AO-21 Acquisition of GPRSLOCI information. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.11 SPT-23 (iPhone 3Gs)

| | |
|---|---|
| **Test Case SPT-23 Secure View 2 Version 2.1.0** | |
| 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).<br>SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:51:05 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:51:05 EDT 2010<br>Acquisition finished: Wed May 26 12:52:41 EDT 2010<br><br>Acquire All acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-01 SIM connectivity via supported interfaces. | as expected |
| SPT-AO-22 Acquire-All data objects acquisition. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.12  SPT-26 (iPhone 3Gs)

| Test Case SPT-26 Secure View 2 Version 2.1.0 | |
|---|---|
| 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: | Wed May 26 12:55:49 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:55:49 EDT 2010<br>Acquisition finished: Wed May 26 12:56:39 EDT 2010<br><br>Complete representation of known data via generated reports was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-25 Comparison of known device data elements via generated reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.13 SPT-27 (iPhone 3Gs)

| Test Case SPT-27 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-27 Acquire SIM memory and review reported data via the preview-pane. |
| Assertions: | SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:56:59 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:56:59 EDT 2010<br>Acquisition finished: Wed May 26 12:57:42 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-AO-26 Comparison of known device data elements via preview-pane. | as expected |
| Analysis: | Expected results achieved | |

## 5.2.14   SPT-28 (iPhone 3Gs)

| Test Case SPT-28 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-28 Attempt acquisition of a password-protected SIM. |
| Assertions: | SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:58:11 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 12:58:11 EDT 2010<br>Acquisition finished: Wed May 26 12:59:17 EDT 2010<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-AO-28 Acquisition of password protected SIM.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.15 SPT-34 (iPhone 3Gs)

| Test Case SPT-34 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-34 Acquire SIM memory and review data containing non-ASCII characters. |
| Assertions: | SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 12:59:40 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0 Acquisition started: Wed May 26 12:59:40 EDT 2010 Acquisition finished: Wed May 26 13:00:47 EDT 2010<br><br>Non-ASCII ADNs were acquired but not properly displayed Non-ASCII text messages were acquired but not properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs. | Not as expected |
| SPT-AO-41 Acquisition of non-ASCII text messages. | Not as expected |

| Analysis: | Expected results Not achieved |
|---|---|

## 5.2.16   SPT-35 (iPhone 3Gs)

| | |
|---|---|
| **Test Case SPT-35 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 13:01:17 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 13:01:17 EDT 2010<br>Acquisition finished: Wed May 26 13:03:18 EDT 2010<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-29 Display remaining number of PIN attempts. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.17    SPT-36 (iPhone 3Gs)

| | |
|---|---|
| **Test Case SPT-36 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-36 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value. |
| Assertions: | SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed May 26 13:03:38 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by Secure View 2 Version 2.1.0<br>Acquisition started: Wed May 26 13:03:38 EDT 2010<br>Acquisition finished: Wed May 26 13:05:13 EDT 2010<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-30 Display remaining number of PUK attempts. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.18  SPT-01 (Blackberry Bold 9700)

| Test Case SPT-01 Secure View 2 Version 2.1.0 | |
|---|---|
| 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-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 8 09:04:07 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Thu Apr 8 09:04:07 EDT 2010 Acquisition finished: Thu Apr 8 09:05:51 EDT 2010  Device connectivity was established via supported interface |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-CA-01 Device connectivity via supported interfaces. | as expected |
| | SPT-CA-04 Readability and completeness of acquired data via supported reports. | as expected |
| | SPT-CA-29 Acquire-All data objects acquisition. | NA |
| | SPT-CA-30 Select-All data objects acquisition. | as expected |
| | SPT-CA-31 Select-Individual data objects acquisition. | as expected |
| | SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications. | as expected |
| Analysis: | Expected results achieved | |

## 5.2.19 SPT-02 (Blackberry Bold 9700)

| Test Case SPT-02 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 8 09:06:26 EDT 2010 |
| Device: | unsupported_device |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 09:06:26 EDT 2010<br>Acquisition finished: Thu Apr 8 09:11:24 EDT 2010<br><br>Identification of non-supported devices was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-02 Identification of non-supported devices. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.20  SPT-03 (Blackberry Bold 9700)

| Test Case SPT-03 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 8 09:11:52 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 09:11:52 EDT 2010<br>Acquisition finished: Thu Apr 8 09:12:15 EDT 2010<br><br>Device acquisition disruption notification was not successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-03 Notification of device acquisition disruption. | Not as expected |

| | |
|---|---|
| Analysis: | Expected results Not achieved |

## 5.2.21  SPT-04 (Blackberry Bold 9700)

| Test Case SPT-04 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 8 09:16:41 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 09:16:41 EDT 2010<br>Acquisition finished: Thu Apr 8 09:39:29 EDT 2010<br><br>Readability and completeness of acquired data was successful |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.22  SPT-06 (Blackberry Bold 9700)

| Test Case SPT-06 Secure View 2 Version 2.1.0 | |
|---|---|
| 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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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 8 10:14:42 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 10:14:42 EDT 2010<br>Acquisition finished: Thu Apr 8 10:22:13 EDT 2010<br><br>Regular Length Address Book entries were acquired<br>Maximum Length Address Book entries were not acquired<br>Special Character Address Book entries were acquired<br>Blank Name Address Book entries were acquire<br>Email addresses within Address Book entries were acquired<br>Embedded graphics within Address Book entries were acquired<br>Basic PIM related data was acquired<br>Maximum length PIM related data was acquired<br>**Notes**:<br>Maximum Length Address Book entries were truncated after the 36th character. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-07 Acquisition of address book entries. | as expected |
| SPT-CA-08 Acquisition of maximum length address book entries. | Not as expected |
| SPT-CA-09 Acquisition of address book entries containing special characters. | as expected |
| SPT-CA-10 Acquisition of address book entries containing a blank name entry. | as expected |
| SPT-CA-11 Acquisition of embedded email addresses within address book entries. | as expected |
| SPT-CA-12 Acquisition of embedded graphics within address book entries. | as expected |
| SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes). | as expected |

| Test Case SPT-06 Secure View 2 Version 2.1.0 | | |
|---|---|---|
| | SPT-CA-14 Acquisition of maximum length PIM data. | as expected |
| Analysis: | Partial results achieved | |

## 5.2.23 SPT-07 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-07 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-07 Acquire mobile device internal memory and review reported call logs. |
| Assertions: | SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 8 11:00:02 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Thu Apr 8 11:00:02 EDT 2010 Acquisition finished: Thu Apr 8 11:05:32 EDT 2010<br><br>All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported |
| Results: | |

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

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.24  SPT-08 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-08 Secure View 2 Version 2.1.0** | |
| 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: | Thu Apr 8 11:06:07 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Thu Apr 8 11:06:07 EDT 2010 Acquisition finished: Thu Apr 8 11:08:53 EDT 2010<br><br>ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported |

Results:

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

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.25 SPT-09 (Blackberry Bold 9700)

| Test Case SPT-09 Secure View 2 Version 2.1.0 | |
|---|---|
| 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.<br>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.<br>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 8 12:06:50 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 12:06:50 EDT 2010<br>Acquisition finished: Thu Apr 8 12:08:47 EDT 2010<br><br>ALL MMS messages (Audio, Image, Video) were acquired |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-CA-21 Acquisition of audio MMS messages. | as expected |
| | SPT-CA-22 Acquisition of graphic data image MMS messages. | as expected |
| | SPT-CA-23 Acquisition of video MMS messages. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.26 SPT-10 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-10 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video). |
| Assertions: | SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. <br> 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. <br> 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: | Thu Apr 8 12:11:37 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP <br> Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 <br> Acquisition started: Thu Apr 8 12:11:37 EDT 2010 <br> Acquisition finished: Thu Apr 8 12:13:08 EDT 2010 <br><br> ALL stand-alone data files (Audio, Image, Video) were acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-24 Acquisition of stand-alone audio files. | as expected |
| SPT-CA-25 Acquisition of stand-alone graphic files. | as expected |
| SPT-CA-26 Acquisition of stand-alone video files. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.27  SPT-11 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-11 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-11 Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents). |
| Assertions: | SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 8 12:15:35 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 12:15:35 EDT 2010<br>Acquisition finished: Thu Apr 8 12:17:45 EDT 2010<br><br>All application data was acquired |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-CA-27 Acquisition of application related data.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.28  SPT-13 (Blackberry Bold 9700)

| Test Case SPT-13 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 8 12:18:17 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 12:18:17 EDT 2010<br>Acquisition finished: Thu Apr 8 12:21:45 EDT 2010<br><br>Select All acquisition was not successful<br>Individual data element acquisition was partially successful<br>**Notes**:<br>Acquisition of calendar entries causes the Secure View application to lock up. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-29 Acquire-All data objects acquisition. | NA |
| SPT-CA-30 Select-All data objects acquisition. | as expected |
| SPT-CA-31 Select-Individual data objects acquisition. | Not as expected |

| Analysis: | Partial results achieved |
|---|---|

## 5.2.29 SPT-14 (Blackberry Bold 9700)

| Test Case SPT-14 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 8 12:53:33 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 12:53:33 EDT 2010<br>Acquisition finished: Thu Apr 8 12:55:09 EDT 2010<br><br>Media connectivity was established via supported interface |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.30  SPT-15 (Blackberry Bold 9700)

| Test Case SPT-15 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-15 Attempt acquisition of a non-supported SIM. |
| Assertions: | SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 8 12:55:45 EDT 2010 |
| Device: | unsupported_sim |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 12:55:45 EDT 2010<br>Acquisition finished: Thu Apr 8 12:58:41 EDT 2010<br><br>Identification of non-supported media was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-02 Identification of non-supported SIMs. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.31  SPT-16 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-16 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 8 12:59:08 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 12:59:08 EDT 2010<br>Acquisition finished: Thu Apr 8 13:04:13 EDT 2010<br><br>Media acquisition disruption notification was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-03 Notification of SIM acquisition disruption. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.32  SPT-17 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-17 Secure View 2 Version 2.1.0** | |
| 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: | Thu Apr 8 13:04:45 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Thu Apr 8 13:04:45 EDT 2010 Acquisition finished: Thu Apr 8 13:17:08 EDT 2010  All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-04 Acquisition of SPN. | as expected |
| SPT-AO-05 Acquisition of ICCID. | as expected |
| SPT-AO-06 Acquisition of IMSI. | as expected |
| SPT-AO-07 Acquisition of MSISDN. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.33 SPT-18 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-18 Secure View 2 Version 2.1.0** | |
| 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.<br>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.<br>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.<br>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: | Thu Apr 8 13:17:37 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 13:17:37 EDT 2010<br>Acquisition finished: Thu Apr 8 13:23:06 EDT 2010<br><br>All ADNs were acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-08 Acquisition of ADNs. | as expected |
| SPT-AO-09 Acquisition of maximum length ADNs. | as expected |
| SPT-AO-10 Acquisition of special character ADNs. | as expected |
| SPT-AO-11 Acquisition of blank name ADNs. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.34 SPT-19 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-19 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND). |
| Assertions: | SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.<br>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: | Thu Apr 8 13:23:28 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 8 13:23:28 EDT 2010<br>Acquisition finished: Thu Apr 8 13:23:49 EDT 2010<br><br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs - NA |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-12 Acquisition of LNDs. | as expected |
| SPT-AO-13 Acquisition of LND date/time stamps. | NA |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.35 SPT-20 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-20 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS). |
| Assertions: | SPT-AO-14 If a cellular forensic tool completes acquisition 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: | Thu Apr 8 13:24:33 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Thu Apr 8 13:24:33 EDT 2010 Acquisition finished: Thu Apr 8 13:25:58 EDT 2010<br><br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages - NA<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-14 Acquisition of SMS messages. | as expected |
| SPT-AO-15 Acquisition of EMS messages. | as expected |
| SPT-AO-16 Acquisition of text message date/time stamps. | NA |
| 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 |

## 5.2.36 SPT-21 (Blackberry Bold 9700)

| Test Case SPT-21 Secure View 2 Version 2.1.0 | |
|---|---|
| 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: | Fri Apr 9 07:04:01 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:04:01 EDT 2010<br>Acquisition finished: Fri Apr 9 07:04:48 EDT 2010<br><br>Deleted text message data was recovered |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.37 SPT-22 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-22 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI). |
| Assertions: | SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.<br>SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Fri Apr 9 07:05:11 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:05:11 EDT 2010<br>Acquisition finished: Fri Apr 9 07:07:39 EDT 2010<br><br>LOCI data was acquired<br>GPRSLOCI data was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-20 Acquisition of LOCI information. | as expected |
| SPT-AO-21 Acquisition of GPRSLOCI information. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.38  SPT-23 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-23 Secure View 2 Version 2.1.0** | |
| 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).<br>SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Fri Apr 9 07:07:58 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:07:58 EDT 2010<br>Acquisition finished: Fri Apr 9 07:08:07 EDT 2010<br><br>Acquire All acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-01 SIM connectivity via supported interfaces. | as expected |
| SPT-AO-22 Acquire-All data objects acquisition. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.39  SPT-24 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-24 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats. |
| Assertions: | SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Fri Apr 9 07:29:12 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:29:12 EDT 2010<br>Acquisition finished: Fri Apr 9 07:42:39 EDT 2010<br><br>Complete representation of known data via generated reports was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-25 Comparison of known device data elements via generated reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.40 SPT-25 (Blackberry Bold 9700)

| Test Case SPT-25 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 9 07:43:05 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:43:05 EDT 2010<br>Acquisition finished: Fri Apr 9 07:44:54 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-26 Comparison of known device data elements via preview-pane. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.41 SPT-26 (Blackberry Bold 9700)

| Test Case SPT-26 Secure View 2 Version 2.1.0 | |
|---|---|
| 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: | Fri Apr 9 07:45:44 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:45:44 EDT 2010<br>Acquisition finished: Fri Apr 9 07:46:51 EDT 2010<br><br>Complete representation of known data via generated reports was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-25 Comparison of known device data elements via generated reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.42  SPT-27 (Blackberry Bold 9700)

| Test Case SPT-27 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-27 Acquire SIM memory and review reported data via the preview-pane. |
| Assertions: | SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Fri Apr 9 07:47:12 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:47:12 EDT 2010<br>Acquisition finished: Fri Apr 9 07:47:19 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |
| Results: | <table><tr><td><b>Assertion & Expected Result</b></td><td><b>Actual Result</b></td></tr><tr><td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.43 SPT-28 (Blackberry Bold 9700)

| Test Case SPT-28 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-28 Attempt acquisition of a password-protected SIM. |
| Assertions: | SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Fri Apr 9 07:47:55 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:47:55 EDT 2010<br>Acquisition finished: Fri Apr 9 07:48:04 EDT 2010<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-28 Acquisition of password protected SIM. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.44  SPT-33 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-33 Secure View 2 Version 2.1.0** | |
| 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.<br>SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Fri Apr 9 07:51:08 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:51:08 EDT 2010<br>Acquisition finished: Fri Apr 9 07:52:45 EDT 2010<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were acquired but not properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs. | Not as expected |
| SPT-AO-41 Acquisition of non-ASCII text messages. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

## 5.2.45  SPT-34 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-34 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-34 Acquire SIM memory and review data containing non-ASCII characters. |
| Assertions: | SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Fri Apr 9 07:54:06 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Fri Apr 9 07:54:06 EDT 2010 Acquisition finished: Fri Apr 9 07:55:44 EDT 2010  Non-ASCII ADNs were acquired but not properly displayed Non-ASCII text messages were acquired but not properly displayed |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>Not as expected</td></tr><tr><td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>Not as expected</td></tr></table> |
| Analysis: | Expected results Not achieved |

## 5.2.46 SPT-35 (Blackberry Bold 9700)

| Test Case SPT-35 Secure View 2 Version 2.1.0 | |
|---|---|
| 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: | Fri Apr 9 07:56:10 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:56:10 EDT 2010<br>Acquisition finished: Fri Apr 9 07:56:47 EDT 2010<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-29 Display remaining number of PIN attempts. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.47  SPT-36 (Blackberry Bold 9700)

| | |
|---|---|
| **Test Case SPT-36 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-36 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value. |
| Assertions: | SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Fri Apr 9 07:57:12 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:57:12 EDT 2010<br>Acquisition finished: Fri Apr 9 07:58:28 EDT 2010<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-30 Display remaining number of PUK attempts. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.48  SPT-38 (Blackberry Bold 9700)

| Test Case SPT-38 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 9 07:59:06 EDT 2010 |
| Device: | BB_Bold9700 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Fri Apr 9 07:59:06 EDT 2010<br>Acquisition finished: Fri Apr 9 08:11:27 EDT 2010<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-43 Acquire data, check known hash values for consistency. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.49  SPT-01 (HTC Tilt 2)

| Test Case SPT-01 Secure View 2 Version 2.1.0 | |
|---|---|
| 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-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: | Mon Apr 12 07:41:47 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 12 07:41:47 EDT 2010 Acquisition finished: Mon Apr 12 07:51:42 EDT 2010  Device connectivity was established via supported interface |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-CA-01 Device connectivity via supported interfaces. | as expected |
| | SPT-CA-04 Readability and completeness of acquired data via supported reports. | as expected |
| | SPT-CA-29 Acquire-All data objects acquisition. | NA |
| | SPT-CA-30 Select-All data objects acquisition. | as expected |
| | SPT-CA-31 Select-Individual data objects acquisition. | as expected |
| | SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications. | as expected |
| Analysis: | Expected results achieved | |

## 5.2.50  SPT-02 (HTC Tilt 2)

| Test Case SPT-02 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 12 07:56:41 EDT 2010 |
| Device: | unsupported_device |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 07:56:41 EDT 2010<br>Acquisition finished: Mon Apr 12 07:58:28 EDT 2010<br><br>Identification of non-supported devices was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-02 Identification of non-supported devices. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.51  SPT-03 (HTC Tilt 2)

| Test Case SPT-03 Secure View 2 Version 2.1.0 | |
|---|---|
| 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: | Mon Apr 12 07:59:24 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 07:59:24 EDT 2010<br>Acquisition finished: Mon Apr 12 08:00:44 EDT 2010<br><br>Device acquisition disruption notification was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-03 Notification of device acquisition disruption. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.52 SPT-04 (HTC Tilt 2)

| Test Case SPT-04 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 08:03:07 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 08:03:07 EDT 2010<br>Acquisition finished: Mon Apr 12 08:07:41 EDT 2010<br><br>Readability and completeness of acquired data was successful |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.53  SPT-06 (HTC Tilt 2)

| Test Case SPT-06 Secure View 2 Version 2.1.0 | |
|---|---|
| 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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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 12 08:08:55 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 08:08:55 EDT 2010<br>Acquisition finished: Mon Apr 12 09:29:40 EDT 2010<br><br>Regular Length Address Book entries were acquired<br>Maximum Length Address Book entries were not acquired<br>Special Character Address Book entries were acquired<br>Blank Name Address Book entries were acquire<br>Email addresses within Address Book entries were acquired<br>Embedded graphics within Address Book entries were acquired<br>ALL PIM related data was acquired<br>**Notes**:<br>Maximum Length Address Book entries were truncated after the 62nd character. |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-CA-07 Acquisition of address book entries. | as expected |
| | SPT-CA-08 Acquisition of maximum length address book entries. | Not as expected |
| | SPT-CA-09 Acquisition of address book entries containing special characters. | as expected |
| | SPT-CA-10 Acquisition of address book entries containing a blank name entry. | as expected |
| | SPT-CA-11 Acquisition of embedded email addresses within address book entries. | as expected |
| | SPT-CA-12 Acquisition of embedded graphics within address book entries. | as expected |
| | SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes). | as expected |
| | SPT-CA-14 Acquisition of maximum length PIM data. | as expected |

| Test Case SPT-06 Secure View 2 Version 2.1.0 |
|---|
| |
| Analysis: | Partial results achieved |

## 5.2.54 SPT-07 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-07 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-07 Acquire mobile device internal memory and review reported call logs. |
| Assertions: | SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 09:50:57 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 12 09:50:57 EDT 2010 Acquisition finished: Mon Apr 12 09:53:17 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported |
| Results: | |

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

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.55  SPT-10 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-10 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video). |
| Assertions: | SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.<br>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.<br>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 12 10:00:45 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 10:00:45 EDT 2010<br>Acquisition finished: Mon Apr 12 10:01:50 EDT 2010<br><br>Audio files were not acquired - NA<br>Image files were acquired<br>Video files were acquired |
| Results: | |

| 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. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.56  SPT-13 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-13 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 10:02:42 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 12 10:02:42 EDT 2010 Acquisition finished: Mon Apr 12 10:17:56 EDT 2010<br><br>Select All acquisition was successful Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-29 Acquire-All data objects acquisition. | NA |
| SPT-CA-30 Select-All data objects acquisition. | as expected |
| SPT-CA-31 Select-Individual data objects acquisition. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.57  SPT-14 (HTC Tilt 2)

| Test Case SPT-14 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 11:51:00 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 11:51:00 EDT 2010<br>Acquisition finished: Mon Apr 12 11:54:27 EDT 2010<br><br>Media connectivity was established via supported interface |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-01 SIM connectivity via supported interfaces. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.58  SPT-15 (HTC Tilt 2)

| Test Case SPT-15 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-15 Attempt acquisition of a non-supported SIM. |
| Assertions: | SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 11:55:17 EDT 2010 |
| Device: | unsupported_sim |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 11:55:17 EDT 2010<br>Acquisition finished: Mon Apr 12 12:01:36 EDT 2010<br><br>Identification of non-supported media was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-02 Identification of non-supported SIMs. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.59 SPT-16 (HTC Tilt 2)

| Test Case SPT-16 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 12:01:59 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 12:01:59 EDT 2010<br>Acquisition finished: Mon Apr 12 12:10:57 EDT 2010<br><br>Media acquisition disruption notification was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-03 Notification of SIM acquisition disruption. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.60 SPT-17 (HTC Tilt 2)

| Test Case SPT-17 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 12 12:11:19 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 12 12:11:19 EDT 2010 Acquisition finished: Mon Apr 12 12:15:08 EDT 2010  All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-04 Acquisition of SPN. | as expected |
| SPT-AO-05 Acquisition of ICCID. | as expected |
| SPT-AO-06 Acquisition of IMSI. | as expected |
| SPT-AO-07 Acquisition of MSISDN. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.61  SPT-18 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-18 Secure View 2 Version 2.1.0** | |
| 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. <br> 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. <br> 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. <br> SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 12:15:50 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP <br> Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 <br> Acquisition started: Mon Apr 12 12:15:50 EDT 2010 <br> Acquisition finished: Mon Apr 12 12:19:46 EDT 2010 <br><br> All ADNs were acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-08 Acquisition of ADNs. | as expected |
| SPT-AO-09 Acquisition of maximum length ADNs. | as expected |
| SPT-AO-10 Acquisition of special character ADNs. | as expected |
| SPT-AO-11 Acquisition of blank name ADNs. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.62  SPT-19 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-19 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND). |
| Assertions: | SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.<br>SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 12:20:05 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 12:20:05 EDT 2010<br>Acquisition finished: Mon Apr 12 12:22:54 EDT 2010<br><br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-12 Acquisition of LNDs. | as expected |
| SPT-AO-13 Acquisition of LND date/time stamps. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.63 SPT-20 (HTC Tilt 2)

| Test Case SPT-20 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS). |
| Assertions: | SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.<br>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.<br>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.<br>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.<br>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: | Mon Apr 12 12:29:36 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 12:29:36 EDT 2010<br>Acquisition finished: Mon Apr 12 12:32:51 EDT 2010<br><br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages - NA<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-AO-14 Acquisition of SMS messages. | as expected |
| | SPT-AO-15 Acquisition of EMS messages. | as expected |
| | SPT-AO-16 Acquisition of text message date/time stamps. | NA |
| | 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 |
|---|---|

## 5.2.64  SPT-21 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-21 Secure View 2 Version 2.1.0** | |
| 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 12 12:36:32 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 12:36:32 EDT 2010<br>Acquisition finished: Mon Apr 12 12:39:12 EDT 2010<br><br>Deleted text message data was recovered |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-19 Acquisition of non-overwritten deleted text messages. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.65 SPT-22 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-22 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI). |
| Assertions: | SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.<br>SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 13:01:51 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:01:51 EDT 2010<br>Acquisition finished: Mon Apr 12 13:02:28 EDT 2010<br><br>LOCI data was acquired<br>GPRSLOCI data was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-20 Acquisition of LOCI information. | as expected |
| SPT-AO-21 Acquisition of GPRSLOCI information. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.66  SPT-23 (HTC Tilt 2)

| Test Case SPT-23 Secure View 2 Version 2.1.0 | |
|---|---|
| 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).<br>SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 13:02:46 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:02:46 EDT 2010<br>Acquisition finished: Mon Apr 12 13:07:27 EDT 2010<br><br>Acquire All acquisition was successful |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></table> |
| Analysis: | Expected results achieved |

## 5.2.67  SPT-24 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-24 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats. |
| Assertions: | SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 13:18:44 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:18:44 EDT 2010<br>Acquisition finished: Mon Apr 12 13:20:52 EDT 2010<br><br>Complete representation of known data via generated reports was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-25 Comparison of known device data elements via generated reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.68  SPT-25 (HTC Tilt 2)

| Test Case SPT-25 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 12 13:21:12 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:21:12 EDT 2010<br>Acquisition finished: Mon Apr 12 13:24:55 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-26 Comparison of known device data elements via preview-pane. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.69 SPT-26 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-26 Secure View 2 Version 2.1.0** | |
| 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 12 13:25:36 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:25:36 EDT 2010<br>Acquisition finished: Mon Apr 12 13:30:18 EDT 2010<br><br>Complete representation of known data via generated reports was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-25 Comparison of known device data elements via generated reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.70  SPT-27 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-27 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-27 Acquire SIM memory and review reported data via the preview-pane. |
| Assertions: | SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 13:30:39 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:30:39 EDT 2010<br>Acquisition finished: Mon Apr 12 13:32:37 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-26 Comparison of known device data elements via preview-pane. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.71 SPT-28 (HTC Tilt 2)

| Test Case SPT-28 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-28 Attempt acquisition of a password-protected SIM. |
| Assertions: | SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 13:33:02 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:33:02 EDT 2010<br>Acquisition finished: Mon Apr 12 13:34:47 EDT 2010<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | |
| | | Assertion & Expected Result | Actual Result |<br>| --- | --- |<br>| SPT-AO-28 Acquisition of password protected SIM. | as expected | |
| Analysis: | Expected results achieved |

## 5.2.72  SPT-33 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-33 Secure View 2 Version 2.1.0** | |
| 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 12 13:42:18 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 12 13:42:18 EDT 2010 Acquisition finished: Mon Apr 12 13:42:24 EDT 2010 Non-ASCII Address book entries were acquired but not properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs. | Not as expected |
| SPT-AO-41 Acquisition of non-ASCII text messages. | NA |

| | |
|---|---|
| Analysis: | Expected results Not achieved |

## 5.2.73  SPT-34 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-34 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-34 Acquire SIM memory and review data containing non-ASCII characters. |
| Assertions: | SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 13:44:01 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 12 13:44:01 EDT 2010 Acquisition finished: Mon Apr 12 13:44:27 EDT 2010  Non-ASCII ADNs were acquired but not properly displayed Non-ASCII text messages were acquired but not properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs. | Not as expected |
| SPT-AO-41 Acquisition of non-ASCII text messages. | Not as expected |

| | |
|---|---|
| Analysis: | Expected results Not achieved |

## 5.2.74  SPT-35 (HTC Tilt 2)

| Test Case SPT-35 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 12 13:50:08 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:50:08 EDT 2010<br>Acquisition finished: Mon Apr 12 13:52:53 EDT 2010<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-29 Display remaining number of PIN attempts. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.75  SPT-36 (HTC Tilt 2)

| | |
|---|---|
| **Test Case SPT-36 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-36 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value. |
| Assertions: | SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 12 13:53:16 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:53:16 EDT 2010<br>Acquisition finished: Mon Apr 12 13:58:32 EDT 2010<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-30 Display remaining number of PUK attempts. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.76  SPT-38 (HTC Tilt 2)

| Test Case SPT-38 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 12 13:59:57 EDT 2010 |
| Device: | HTC_Tilt2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 12 13:59:57 EDT 2010<br>Acquisition finished: Mon Apr 12 14:01:36 EDT 2010<br><br>Hash values were properly reported for individually acquired device data elements |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-AO-43 Acquire data, check known hash values for consistency. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.77  SPT-01 (Nokia e71x)

| Test Case SPT-01 Secure View 2 Version 2.1.0 | |
|---|---|
| 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-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Tue Apr 13 12:16:37 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Tue Apr 13 12:16:37 EDT 2010 Acquisition finished: Tue Apr 13 12:22:10 EDT 2010  Device connectivity was established via supported interface |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-CA-01 Device connectivity via supported interfaces. | as expected |
| | SPT-CA-04 Readability and completeness of acquired data via supported reports. | as expected |
| | SPT-CA-29 Acquire-All data objects acquisition. | NA |
| | SPT-CA-30 Select-All data objects acquisition. | as expected |
| | SPT-CA-31 Select-Individual data objects acquisition. | as expected |
| | SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.78  SPT-02 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-02 Secure View 2 Version 2.1.0** | |
| 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 13 12:22:45 EDT 2010 |
| Device: | unsupported_device |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Tue Apr 13 12:22:45 EDT 2010<br>Acquisition finished: Tue Apr 13 12:25:40 EDT 2010<br><br>Identification of non-supported devices was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-02 Identification of non-supported devices. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.79  SPT-03 (Nokia e71x)

| Test Case SPT-03 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 13 12:26:29 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Tue Apr 13 12:26:29 EDT 2010<br>Acquisition finished: Tue Apr 13 12:28:42 EDT 2010<br><br>Device acquisition disruption notification was successful |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-CA-03 Notification of device acquisition disruption. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.80 SPT-04 (Nokia e71x)

| Test Case SPT-04 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Tue Apr 13 12:29:10 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Tue Apr 13 12:29:10 EDT 2010<br>Acquisition finished: Tue Apr 13 12:32:57 EDT 2010<br><br>Readability and completeness of acquired data was successful |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.81  SPT-06 (Nokia e71x)

| Test Case SPT-06 Secure View 2 Version 2.1.0 | |
|---|---|
| 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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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 13 12:35:06 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Tue Apr 13 12:35:06 EDT 2010<br>Acquisition finished: Tue Apr 13 12:36:06 EDT 2010<br><br>Regular Length Address Book entries were acquired<br>Maximum Length Address Book entries were not acquired<br>Special Character Address Book entries were acquired<br>Blank Name Address Book entries were acquire<br>Email addresses within Address Book entries were acquired<br>Embedded graphics within Address Book entries were acquired<br>Basic PIM related data was not acquired - NA<br>Maximum length PIM related data was not acquired - NA<br>**Notes**:<br>When attempting to acquire Calendar data the Secure View application locks up.  Maximum length address book entries were truncated after the 84th character. |

| Results: | | |
|---|---|---|

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-07 Acquisition of address book entries. | as expected |
| SPT-CA-08 Acquisition of maximum length address book entries. | Not as expected |
| SPT-CA-09 Acquisition of address book entries containing special characters. | as expected |
| SPT-CA-10 Acquisition of address book entries containing a blank name entry. | as expected |
| SPT-CA-11 Acquisition of embedded email addresses within address book entries. | as expected |
| SPT-CA-12 Acquisition of embedded graphics within address book entries. | as expected |
| SPT-CA-13 Acquisition of PIM data (i.e., | NA |

| Test Case SPT-06 Secure View 2 Version 2.1.0 | | |
|---|---|---|
| | datebook/calendar, notes). | |
| | SPT-CA-14 Acquisition of maximum length PIM data. | NA |
| | | |
| Analysis: | Partial results achieved | |

## 5.2.82 SPT-09 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-09 Secure View 2 Version 2.1.0** | |
| 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.<br>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.<br>SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Tue Apr 13 12:44:26 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Tue Apr 13 12:44:26 EDT 2010<br>Acquisition finished: Tue Apr 13 12:54:40 EDT 2010<br><br>Audio MMS messages were not acquired – NA<br>Partial image MMS messages were acquired<br>Partial video MMS messages were acquired<br>**Notes**:<br>Acquisition of MMS message text data is not supported by Secure View for the Nokia e71x. |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-CA-21 Acquisition of audio MMS messages. | NA |
| | 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 |

## 5.2.83 SPT-10 (Nokia e71x)

| Test Case SPT-10 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video). |
| Assertions: | SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.<br>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.<br>SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 10:18:29 EDT 2010 |
| Device: | NOkia_e71x |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 10:18:29 EDT 2010<br>Acquisition finished: Wed Apr 14 10:23:40 EDT 2010<br><br>Audio files were not acquired - NA<br>Image files were acquired<br>Video files were acquired<br>**Notes**:<br>Videos of type flv were not acquired. |
| Results: | |

| 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. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

## 5.2.84 SPT-13 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-13 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 10:26:43 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Wed Apr 14 10:26:43 EDT 2010 Acquisition finished: Wed Apr 14 10:31:10 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-29 Acquire-All data objects acquisition. | NA |
| SPT-CA-30 Select-All data objects acquisition. | as expected |
| SPT-CA-31 Select-Individual data objects acquisition. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.85 SPT-14 (Nokia e71x)

| Test Case SPT-14 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader). |
| Assertions: | SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:15:38 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:15:38 EDT 2010<br>Acquisition finished: Wed Apr 14 13:17:52 EDT 2010<br><br>Media connectivity was established via supported interface |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.86 SPT-15 (Nokia e71x)

| Test Case SPT-15 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-15 Attempt acquisition of a non-supported SIM. |
| Assertions: | SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:18:13 EDT 2010 |
| Device: | unsupported_sim |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:18:13 EDT 2010<br>Acquisition finished: Wed Apr 14 13:20:53 EDT 2010<br><br>Identification of non-supported media was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-02 Identification of non-supported SIMs. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.87  SPT-16 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-16 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement. |
| Assertions: | SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:21:31 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:21:31 EDT 2010<br>Acquisition finished: Wed Apr 14 13:28:26 EDT 2010<br><br>Media acquisition disruption notification was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-03 Notification of SIM acquisition disruption. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.88 SPT-17 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-17 Secure View 2 Version 2.1.0** | |
| 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: | Wed Apr 14 13:29:01 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Wed Apr 14 13:29:01 EDT 2010 Acquisition finished: Wed Apr 14 13:31:31 EDT 2010 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-04 Acquisition of SPN. | as expected |
| SPT-AO-05 Acquisition of ICCID. | as expected |
| SPT-AO-06 Acquisition of IMSI. | as expected |
| SPT-AO-07 Acquisition of MSISDN. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.89  SPT-18 (Nokia e71x)

| Test Case SPT-18 Secure View 2 Version 2.1.0 | |
|---|---|
| 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. <br> 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. <br> 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. <br> SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:31:50 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP <br> Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 <br> Acquisition started: Wed Apr 14 13:31:50 EDT 2010 <br> Acquisition finished: Wed Apr 14 13:34:21 EDT 2010 <br><br> All ADNs were acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-08 Acquisition of ADNs. | as expected |
| SPT-AO-09 Acquisition of maximum length ADNs. | as expected |
| SPT-AO-10 Acquisition of special character ADNs. | as expected |
| SPT-AO-11 Acquisition of blank name ADNs. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.90 SPT-19 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-19 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND). |
| Assertions: | SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.<br>SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:34:41 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:34:41 EDT 2010<br>Acquisition finished: Wed Apr 14 13:37:03 EDT 2010<br><br>LNDs were acquired<br>Date/Time Stamps correctly reported for LNDs |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-12 Acquisition of LNDs. | as expected |
| SPT-AO-13 Acquisition of LND date/time stamps. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.91  SPT-20 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-20 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS). |
| Assertions: | SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.<br>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.<br>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.<br>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.<br>SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:39:26 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:39:26 EDT 2010<br>Acquisition finished: Wed Apr 14 13:41:05 EDT 2010<br><br>ALL text messages (SMS, EMS) were acquired<br>All date/time stamps were reported for text messages - NA<br>Correct status flags were reported for text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-AO-14 Acquisition of SMS messages. | as expected |
| | SPT-AO-15 Acquisition of EMS messages. | as expected |
| | SPT-AO-16 Acquisition of text message date/time stamps. | NA |
| | 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 |

## 5.2.92  SPT-21 (Nokia e71x)

| Test Case SPT-21 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS). |
| Assertions: | SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:42:51 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:42:51 EDT 2010<br>Acquisition finished: Wed Apr 14 13:44:04 EDT 2010<br><br>Deleted text message data was recovered |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-AO-19 Acquisition of non-overwritten deleted text messages. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.93  SPT-22 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-22 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI). |
| Assertions: | SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.<br>SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:45:22 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:45:22 EDT 2010<br>Acquisition finished: Wed Apr 14 13:46:56 EDT 2010<br><br>LOCI data was acquired<br>GPRSLOCI data was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-20 Acquisition of LOCI information. | as expected |
| SPT-AO-21 Acquisition of GPRSLOCI information. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.94  SPT-23 (Nokia e71x)

| Test Case SPT-23 Secure View 2 Version 2.1.0 | |
|---|---|
| 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).<br>SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:47:16 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:47:16 EDT 2010<br>Acquisition finished: Wed Apr 14 13:51:14 EDT 2010<br><br>Acquire All acquisition was successful |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></table> |
| Analysis: | Expected results achieved |

## 5.2.95  SPT-24 (Nokia e71x)

| Test Case SPT-24 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats. |
| Assertions: | SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 13:53:31 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:53:31 EDT 2010<br>Acquisition finished: Wed Apr 14 13:54:43 EDT 2010<br><br>Complete representation of known data via generated reports was successful |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-AO-25 Comparison of known device data elements via generated reports.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.96  SPT-25 (Nokia e71x)

| Test Case SPT-25 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 14 13:55:04 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:55:04 EDT 2010<br>Acquisition finished: Wed Apr 14 13:57:58 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-AO-26 Comparison of known device data elements via preview-pane. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.97  SPT-26 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-26 Secure View 2 Version 2.1.0** | |
| 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: | Wed Apr 14 13:58:59 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 13:58:59 EDT 2010<br>Acquisition finished: Wed Apr 14 14:01:54 EDT 2010<br><br>Complete representation of known data via generated reports was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-25 Comparison of known device data elements via generated reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.98 SPT-27 (Nokia e71x)

| Test Case SPT-27 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-27 Acquire SIM memory and review reported data via the preview-pane. |
| Assertions: | SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 14:02:11 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 14:02:11 EDT 2010<br>Acquisition finished: Wed Apr 14 14:09:21 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-AO-26 Comparison of known device data elements via preview-pane. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.99 SPT-28 (Nokia e71x)

| Test Case SPT-28 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-28 Attempt acquisition of a password-protected SIM. |
| Assertions: | SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 14:09:39 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 14:09:39 EDT 2010<br>Acquisition finished: Wed Apr 14 14:11:04 EDT 2010<br><br>Ability to enter PIN on protected media before acquisition was successful |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-AO-28 Acquisition of password protected SIM.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.100  SPT-33 (Nokia e71x)

| Test Case SPT-33 Secure View 2 Version 2.1.0 | |
|---|---|
| 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.<br>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 14 14:11:46 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 14:11:46 EDT 2010<br>Acquisition finished: Wed Apr 14 14:12:31 EDT 2010<br><br>Non-ASCII Address book entries were acquired and properly displayed<br>Non-ASCII text messages were not acquired - NA |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs. | as expected |
| SPT-AO-41 Acquisition of non-ASCII text messages. | NA |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.101  SPT-34 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-34 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-34 Acquire SIM memory and review data containing non-ASCII characters. |
| Assertions: | SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 14:13:13 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Wed Apr 14 14:13:13 EDT 2010 Acquisition finished: Wed Apr 14 14:17:26 EDT 2010<br><br>Non-ASCII ADNs were acquired but not properly displayed Non-ASCII text messages were acquired but not properly displayed |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs. | Not as expected |
| | SPT-AO-41 Acquisition of non-ASCII text messages. | Not as expected |

| | |
|---|---|
| Analysis: | Expected results Not achieved |

## 5.2.102  SPT-35 (Nokia e71x)

| Test Case SPT-35 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value. |
| Assertions: | SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 14:19:15 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 14:19:15 EDT 2010<br>Acquisition finished: Wed Apr 14 14:20:41 EDT 2010<br><br>The remaining number of PIN attempts were properly displayed |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-AO-29 Display remaining number of PIN attempts.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.103 SPT-36 (Nokia e71x)

| | |
|---|---|
| **Test Case SPT-36 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-36 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value. |
| Assertions: | SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 14:21:00 EDT 2010 |
| Device: | ATT_SIM |
| Source Setup: | OS: WIN XP<br>Interface: USB |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 14:21:00 EDT 2010<br>Acquisition finished: Wed Apr 14 14:21:09 EDT 2010<br><br>Remaining number of PUK attempts were properly displayed |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-30 Display remaining number of PUK attempts. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.104   SPT-38 (Nokia e71x)

| Test Case SPT-38 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Wed Apr 14 14:21:45 EDT 2010 |
| Device: | Nokia_e71x |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Wed Apr 14 14:21:45 EDT 2010<br>Acquisition finished: Wed Apr 14 14:24:50 EDT 2010<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-43 Acquire data, check known hash values for consistency. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

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

| | |
|---|---|
| **Test Case SPT-01 Secure View 2 Version 2.1.0** | |
| 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-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 15 13:18:07 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Thu Apr 15 13:18:07 EDT 2010 Acquisition finished: Thu Apr 15 13:27:17 EDT 2010 <br><br> Device connectivity was established via supported interface |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-CA-01 Device connectivity via supported interfaces. | as expected |
| | SPT-CA-04 Readability and completeness of acquired data via supported reports. | as expected |
| | SPT-CA-29 Acquire-All data objects acquisition. | NA |
| | SPT-CA-30 Select-All data objects acquisition. | as expected |
| | SPT-CA-31 Select-Individual data objects acquisition. | as expected |
| | SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications. | as expected |

| Analysis: | Expected results achieved |
|---|---|

## 5.2.106 SPT-02 (HTC Touch Pro 2)

| Test Case SPT-02 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 15 13:27:44 EDT 2010 |
| Device: | unsupported_device |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 13:27:44 EDT 2010<br>Acquisition finished: Thu Apr 15 13:28:37 EDT 2010<br><br>Identification of non-supported devices was successful |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-02 Identification of non-supported devices.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

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

| | |
|---|---|
| **Test Case SPT-03 Secure View 2 Version 2.1.0** | |
| 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 15 13:29:01 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 13:29:01 EDT 2010<br>Acquisition finished: Thu Apr 15 13:35:15 EDT 2010<br><br>Device acquisition disruption notification was not successful |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-CA-03 Notification of device acquisition disruption. | Not as expected |

| | |
|---|---|
| Analysis: | Expected results Not achieved |

## 5.2.108  SPT-04 (HTC Touch Pro 2)

| | |
|---|---|
| **Test Case SPT-04 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 15 13:36:16 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 13:36:16 EDT 2010<br>Acquisition finished: Thu Apr 15 13:37:45 EDT 2010<br><br>Readability and completeness of acquired data was successful |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr></table> |
| Analysis: | Expected results achieved |

## 5.2.109  SPT-06 (HTC Touch Pro 2)

| Test Case SPT-06 Secure View 2 Version 2.1.0 | |
|---|---|
| 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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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 15 13:39:45 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 13:39:45 EDT 2010<br>Acquisition finished: Thu Apr 15 13:44:14 EDT 2010<br><br>Regular Length Address Book entries were acquired<br>Maximum Length Address Book entries were not acquired<br>Special Character Address Book entries were acquired<br>Blank Name Address Book entries were acquire<br>Email addresses within Address Book entries were acquired<br>Embedded graphics within Address Book entries were acquired<br>Basic PIM related data was not acquired<br>Maximum length PIM related data was not acquired<br>**Notes**:<br>When attempting to acquire Calendar data the Secure View application locks up.  Maximum length address book entries were truncated after the 62nd character. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-07 Acquisition of address book entries. | as expected |
| SPT-CA-08 Acquisition of maximum length address book entries. | Not as expected |
| SPT-CA-09 Acquisition of address book entries containing special characters. | as expected |
| SPT-CA-10 Acquisition of address book entries containing a blank name entry. | as expected |
| SPT-CA-11 Acquisition of embedded email addresses within address book entries. | as expected |
| SPT-CA-12 Acquisition of embedded graphics within address book entries. | as expected |
| SPT-CA-13 Acquisition of PIM data (i.e., | Not as |

| Test Case SPT-06 Secure View 2 Version 2.1.0 | | |
|---|---|---|
| | datebook/calendar, notes). | expected |
| | SPT-CA-14 Acquisition of maximum length PIM data. | Not as expected |
| | | |
| Analysis: | Partial results achieved | |

## 5.2.110 SPT-07 (HTC Touch Pro 2)

| | |
|---|---|
| **Test Case SPT-07 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-07 Acquire mobile device internal memory and review reported call logs. |
| Assertions: | SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.<br>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 15 13:46:57 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 13:46:57 EDT 2010<br>Acquisition finished: Thu Apr 15 13:49:32 EDT 2010<br><br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported |
| Results: | |

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

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.111  SPT-10 (HTC Touch Pro 2)

| Test Case SPT-10 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video). |
| Assertions: | SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.<br>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.<br>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: | Thu Apr 15 14:17:42 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 14:17:42 EDT 2010<br>Acquisition finished: Thu Apr 15 14:17:59 EDT 2010<br><br>Audio files were not acquired<br>Image files were not acquired<br>Video files were partially acquired<br>**Notes**:<br>Video files of type flv were not acquired. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-24 Acquisition of stand-alone audio files. | as expected |
| SPT-CA-25 Acquisition of stand-alone graphic files. | as expected |
| SPT-CA-26 Acquisition of stand-alone video files. | Not as expected |

| | |
|---|---|
| Analysis: | Partial results achieved |

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

| | |
|---|---|
| **Test Case SPT-11 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-11 Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents). |
| Assertions: | SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 15 14:20:06 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 14:20:06 EDT 2010<br>Acquisition finished: Thu Apr 15 14:27:06 EDT 2010<br><br>Application data was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-27 Acquisition of application related data. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

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

| Test Case SPT-12 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites. |
| Assertions: | SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 15 14:28:55 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 14:28:55 EDT 2010<br>Acquisition finished: Thu Apr 15 14:31:32 EDT 2010<br><br>Partial Internet related data was acquired<br>**Notes**:<br>Only book-marked files were reported. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-28 Acquisition of Internet related data. | Not as expected |

| | |
|---|---|
| Analysis: | Expected results Not achieved |

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

| Test Case SPT-13 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.<br>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 15 14:32:20 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 14:32:20 EDT 2010<br>Acquisition finished: Thu Apr 15 14:33:12 EDT 2010<br><br>Select All acquisition was not successful<br>Individual data element acquisition was partially successful<br>**Notes**:<br>When attempting to acquire calendar entries, by either selecting only acquire calendar or selecting all supported data objects the Secure View application locks up. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-29 Acquire-All data objects acquisition. | NA |
| SPT-CA-30 Select-All data objects acquisition. | Not as expected |
| SPT-CA-31 Select-Individual data objects acquisition. | Not as expected |

| | |
|---|---|
| Analysis: | Expected results Not achieved |

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

| Test Case SPT-24 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats. |
| Assertions: | SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 15 14:36:28 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 14:36:28 EDT 2010<br>Acquisition finished: Thu Apr 15 14:37:36 EDT 2010<br><br>Complete representation of known data via generated reports was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-25 Comparison of known device data elements via generated reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

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

| Test Case SPT-25 Secure View 2 Version 2.1.0 | |
|---|---|
| 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: | Thu Apr 15 14:37:59 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 14:37:59 EDT 2010<br>Acquisition finished: Thu Apr 15 14:38:34 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-26 Comparison of known device data elements via preview-pane. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

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

| Test Case SPT-33 Secure View 2 Version 2.1.0 | |
|---|---|
| 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.<br>SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 15 14:39:09 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 14:39:09 EDT 2010<br>Acquisition finished: Thu Apr 15 14:39:26 EDT 2010<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were not acquired - NA |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs. | Not as expected |
| SPT-AO-41 Acquisition of non-ASCII text messages. | NA |

| Analysis: | Expected results Not achieved |
|---|---|

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

| | |
|---|---|
| **Test Case SPT-38 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects. |
| Assertions: | SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Thu Apr 15 14:41:32 EDT 2010 |
| Device: | HTC_TouchPro2 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Thu Apr 15 14:41:32 EDT 2010<br>Acquisition finished: Thu Apr 15 14:41:40 EDT 2010<br><br>Hash values were properly reported for individually acquired device data elements |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-43 Acquire data, check known hash values for consistency. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.119  SPT-01 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-01 Secure View 2 Version 2.1.0** | |
| 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).<br>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.<br>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.<br>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.<br>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: | Mon Apr 19 09:39:17 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 09:39:17 EDT 2010<br>Acquisition finished: Mon Apr 19 09:40:14 EDT 2010 |

| Test Case SPT-01 Secure View 2 Version 2.1.0 | | |
|---|---|---|
| | Device connectivity was established via supported interface | |
| Results: | **Assertion & Expected Result** | **Actual Result** |
| | SPT-CA-01 Device connectivity via supported interfaces. | as expected |
| | SPT-CA-04 Readability and completeness of acquired data via supported reports. | as expected |
| | SPT-CA-29 Acquire-All data objects acquisition. | NA |
| | SPT-CA-30 Select-All data objects acquisition. | as expected |
| | SPT-CA-31 Select-Individual data objects acquisition. | as expected |
| | SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications. | as expected |
| Analysis: | Expected results achieved | |

## 5.2.120  SPT-02 (Blackberry 9630)

| Test Case SPT-02 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 19 09:40:39 EDT 2010 |
| Device: | unsupported_device |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 09:40:39 EDT 2010<br>Acquisition finished: Mon Apr 19 09:41:54 EDT 2010<br><br>Identification of non-supported devices was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-02 Identification of non-supported devices. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.121  SPT-03 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-03 Secure View 2 Version 2.1.0** | |
| 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: | Mon Apr 19 09:42:15 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 09:42:15 EDT 2010<br>Acquisition finished: Mon Apr 19 09:51:01 EDT 2010<br><br>Device acquisition disruption notification was not successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-03 Notification of device acquisition disruption. | Not as expected |

| | |
|---|---|
| Analysis: | Expected results Not achieved |

## 5.2.122  SPT-04 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-04 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 19 09:51:35 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 09:51:35 EDT 2010<br>Acquisition finished: Mon Apr 19 09:55:10 EDT 2010<br><br>Readability and completeness of acquired data was successful |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-CA-04 Readability and completeness of acquired data via supported reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.123 SPT-06 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-06 Secure View 2 Version 2.1.0** | |
| 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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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.<br>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 19 09:58:44 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 09:58:44 EDT 2010<br>Acquisition finished: Mon Apr 19 10:08:53 EDT 2010<br><br>Regular Length Address Book entries were acquired<br>Maximum Length Address Book entries were not acquired<br>Special Character Address Book entries were acquired<br>Blank Name Address Book entries were acquire<br>Email addresses within Address Book entries were acquired<br>Embedded graphics within Address Book entries were acquired<br>ALL PIM related data was acquired<br>**Notes**:<br>Maximum length address book entries were truncated after the 62nd character. |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-07 Acquisition of address book entries. | as expected |
| SPT-CA-08 Acquisition of maximum length address book entries. | Not as expected |
| SPT-CA-09 Acquisition of address book entries containing special characters. | as expected |
| SPT-CA-10 Acquisition of address book entries containing a blank name entry. | as expected |
| SPT-CA-11 Acquisition of embedded email addresses within address book entries. | as expected |
| SPT-CA-12 Acquisition of embedded graphics within address book entries. | as expected |
| SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes). | as expected |
| SPT-CA-14 Acquisition of maximum length PIM data. | as expected |

| Test Case SPT-06 Secure View 2 Version 2.1.0 | |
|---|---|
| | |
| Analysis: | Partial results achieved |

## 5.2.124  SPT-07 (Blackberry 9630)

| Test Case SPT-07 Secure View 2 Version 2.1.0 | |
|---|---|
| Case Summary: | SPT-07 Acquire mobile device internal memory and review reported call logs. |
| Assertions: | SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.<br>SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 19 10:16:43 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 10:16:43 EDT 2010<br>Acquisition finished: Mon Apr 19 10:39:09 EDT 2010<br><br>All Call Logs (incoming, outgoing, missed) were acquired<br>All Call Log date/time stamps data were correctly reported |
| Results: | |

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

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.125 SPT-08 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-08 Secure View 2 Version 2.1.0** | |
| 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.<br>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.<br>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.<br>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 19 10:40:07 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 10:40:07 EDT 2010<br>Acquisition finished: Mon Apr 19 10:43:31 EDT 2010<br><br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-CA-17 Acquisition of text messages. | as expected |
| | SPT-CA-18 Acquisition of text message date/time stamps. | as expected |
| | SPT-CA-19 Acquisition of text message status flags. | as expected |
| | SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages. | as expected |
| Analysis: | Expected results achieved |

## 5.2.126  SPT-10 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-10 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video). |
| Assertions: | SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.<br><br>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.<br><br>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 19 10:46:34 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 10:46:34 EDT 2010<br>Acquisition finished: Mon Apr 19 11:00:01 EDT 2010<br><br>ALL stand-alone data files (Audio, Image, Video) were acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-24 Acquisition of stand-alone audio files. | as expected |
| SPT-CA-25 Acquisition of stand-alone graphic files. | as expected |
| SPT-CA-26 Acquisition of stand-alone video files. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.127 SPT-11 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-11 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-11 Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents). |
| Assertions: | SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 19 11:00:24 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 11:00:24 EDT 2010<br>Acquisition finished: Mon Apr 19 11:04:08 EDT 2010<br><br>All application data was acquired |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-27 Acquisition of application related data. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.128  SPT-13 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-13 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 19 11:04:32 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 19 11:04:32 EDT 2010 Acquisition finished: Mon Apr 19 11:09:42 EDT 2010  Select All acquisition was not successful Individual data element acquisition was successful |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-CA-29 Acquire-All data objects acquisition. | NA |
| | SPT-CA-30 Select-All data objects acquisition. | Not as expected |
| | SPT-CA-31 Select-Individual data objects acquisition. | as expected |

| | |
|---|---|
| Analysis: | Expected results Not achieved |

## 5.2.129  SPT-24 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-24 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats. |
| Assertions: | SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 19 11:11:02 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 11:11:02 EDT 2010<br>Acquisition finished: Mon Apr 19 11:13:16 EDT 2010<br><br>Complete representation of known data via generated reports was successful |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-AO-25 Comparison of known device data elements via generated reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.130 SPT-25 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-25 Secure View 2 Version 2.1.0** | |
| 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 19 11:13:42 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 11:13:42 EDT 2010<br>Acquisition finished: Mon Apr 19 12:19:03 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-26 Comparison of known device data elements via preview-pane. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.131  SPT-33 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-33 Secure View 2 Version 2.1.0** | |
| 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.<br>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 19 12:19:44 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 12:19:44 EDT 2010<br>Acquisition finished: Mon Apr 19 12:30:45 EDT 2010<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were not acquired - NA |
| Results: | <table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>Not as expected</td></tr><tr><td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>NA</td></tr></table> |
| Analysis: | Expected results Not achieved |

## 5.2.132  SPT-38 (Blackberry 9630)

| | |
|---|---|
| **Test Case SPT-38 Secure View 2 Version 2.1.0** | |
| 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 19 12:36:16 EDT 2010 |
| Device: | Blackberry_9630 |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 12:36:16 EDT 2010<br>Acquisition finished: Mon Apr 19 12:37:45 EDT 2010<br><br>Hash values were properly reported for individually acquired device data elements |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-AO-43 Acquire data, check known hash values for consistency. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.133  SPT-01 (Samsung Moment)

| | |
|---|---|
| **Test Case SPT-01 Secure View 2 Version 2.1.0** | |
| 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-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: | Mon Apr 19 13:32:17 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 13:32:17 EDT 2010 |

| Test Case SPT-01 Secure View 2 Version 2.1.0 | |
|---|---|
| | Acquisition finished: Mon Apr 19 13:34:47 EDT 2010<br><br>Device connectivity was established via supported interface |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-01 Device connectivity via supported interfaces. | as expected |
| SPT-CA-04 Readability and completeness of acquired data via supported reports. | as expected |
| SPT-CA-29 Acquire-All data objects acquisition. | NA |
| SPT-CA-30 Select-All data objects acquisition. | as expected |
| SPT-CA-31 Select-Individual data objects acquisition. | as expected |
| SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.134 SPT-02 (Samsung Moment)

| Test Case SPT-02 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 19 13:35:37 EDT 2010 |
| Device: | unsupported_device |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 13:35:37 EDT 2010<br>Acquisition finished: Mon Apr 19 13:36:50 EDT 2010<br><br>Identification of non-supported devices was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-02 Identification of non-supported devices. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.135  SPT-03 (Samsung Moment)

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|---|---|
| **Test Case SPT-03 Secure View 2 Version 2.1.0** | |
| 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: | Mon Apr 19 13:37:21 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 13:37:21 EDT 2010<br>Acquisition finished: Mon Apr 19 13:38:41 EDT 2010<br><br>Device acquisition disruption notification was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-03 Notification of device acquisition disruption. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.136 SPT-04 (Samsung Moment)

| | |
|---|---|
| **Test Case SPT-04 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. |
| Assertions: | SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 19 13:39:24 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 13:39:24 EDT 2010<br>Acquisition finished: Mon Apr 19 13:43:36 EDT 2010<br><br>Readability and completeness of acquired data was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-04 Readability and completeness of acquired data via supported reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.137  SPT-06 (Samsung Moment)

| | |
|---|---|
| **Test Case SPT-06 Secure View 2 Version 2.1.0** | |
| 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 19 13:44:12 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 19 13:44:12 EDT 2010 Acquisition finished: Mon Apr 19 13:48:18 EDT 2010 <br><br> All address book entries were successfully acquired Basic PIM related data was not acquired - NA Maximum length PIM related data was not acquired - NA |

Results:

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-07 Acquisition of address book entries. | as expected |
| SPT-CA-08 Acquisition of maximum length address book entries. | as expected |
| SPT-CA-09 Acquisition of address book entries containing special characters. | as expected |
| SPT-CA-10 Acquisition of address book entries containing a blank name entry. | as expected |
| SPT-CA-11 Acquisition of embedded email addresses within address book entries. | as expected |
| SPT-CA-12 Acquisition of embedded graphics within address book entries. | as expected |
| SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes). | NA |
| SPT-CA-14 Acquisition of maximum length PIM data. | NA |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.138 SPT-07 (Samsung Moment)

| | |
|---|---|
| **Test Case SPT-07 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-07 Acquire mobile device internal memory and review reported call logs. |
| Assertions: | SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 19 13:52:52 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 19 13:52:52 EDT 2010 Acquisition finished: Mon Apr 19 13:56:38 EDT 2010  All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported |
| Results: | |

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

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.139  SPT-08 (Samsung Moment)

| | |
|---|---|
| **Test Case SPT-08 Secure View 2 Version 2.1.0** | |
| 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.<br>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.<br>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.<br>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 19 13:59:55 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 13:59:55 EDT 2010<br>Acquisition finished: Mon Apr 19 14:05:23 EDT 2010<br><br>ALL text messages (SMS, EMS) were acquired<br>Correct date/time stamps were reported for all text messages<br>Correct status flags were reported for all text messages<br>Sender and Recipient phone numbers associated with text messages were correctly reported |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-CA-17 Acquisition of text messages. | as expected |
| | SPT-CA-18 Acquisition of text message date/time stamps. | as expected |
| | SPT-CA-19 Acquisition of text message status flags. | as expected |
| | SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages. | as expected |
| Analysis: | Expected results achieved |

## 5.2.140  SPT-13 (Samsung Moment)

| | |
|---|---|
| **Test Case SPT-13 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements. |
| Assertions: | SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 19 14:06:01 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0 Acquisition started: Mon Apr 19 14:06:01 EDT 2010 Acquisition finished: Mon Apr 19 14:08:24 EDT 2010 <br><br> Select All acquisition was successful Individual data element acquisition was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-CA-29 Acquire-All data objects acquisition. | NA |
| SPT-CA-30 Select-All data objects acquisition. | as expected |
| SPT-CA-31 Select-Individual data objects acquisition. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.141   SPT-24 (Samsung Moment)

| | |
|---|---|
| **Test Case SPT-24 Secure View 2 Version 2.1.0** | |
| Case Summary: | SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats. |
| Assertions: | SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats. |
| Tester Name: | rpa |
| Test Host: | Morrisy |
| Test Date: | Mon Apr 19 14:09:48 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 14:09:48 EDT 2010<br>Acquisition finished: Mon Apr 19 14:13:13 EDT 2010<br><br>Complete representation of known data via generated reports was successful |

| Results: | Assertion & Expected Result | Actual Result |
|---|---|---|
| | SPT-AO-25 Comparison of known device data elements via generated reports. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.142 SPT-25 (Samsung Moment)

| Test Case SPT-25 Secure View 2 Version 2.1.0 | |
|---|---|
| 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 19 14:13:35 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 14:13:35 EDT 2010<br>Acquisition finished: Mon Apr 19 14:15:48 EDT 2010<br><br>Complete representation of known data via preview-pane was successful |
| Results: | |

| Assertion & Expected Result | Actual Result |
|---|---|
| SPT-AO-26 Comparison of known device data elements via preview-pane. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## 5.2.143 SPT-33 (Samsung Moment)

| Test Case SPT-33 Secure View 2 Version 2.1.0 | |
|---|---|
| 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.<br>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 19 14:16:31 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 14:16:31 EDT 2010<br>Acquisition finished: Mon Apr 19 14:22:02 EDT 2010<br><br>Non-ASCII Address book entries were acquired but not properly displayed<br>Non-ASCII text messages were acquired and properly displayed |
| Results: | <table><tr><td>**Assertion & Expected Result**</td><td>**Actual Result**</td></tr><tr><td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>Not as expected</td></tr><tr><td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr></table> |
| Analysis: | Partial results achieved |

## 5.2.144  SPT-38 (Samsung Moment)

| | |
|---|---|
| **Test Case SPT-38 Secure View 2 Version 2.1.0** | |
| 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 19 14:22:49 EDT 2010 |
| Device: | Samsung_Moment |
| Source Setup: | OS: WIN XP<br>Interface: cable |
| Log Highlights: | Created by SecureView 2 Version 2.1.0<br>Acquisition started: Mon Apr 19 14:22:49 EDT 2010<br>Acquisition finished: Mon Apr 19 14:26:41 EDT 2010<br><br>Hash values were properly reported for individually acquired device data elements |

| Results: | | |
|---|---|---|
| | **Assertion & Expected Result** | **Actual Result** |
| | SPT-AO-43 Acquire data, check known hash values for consistency. | as expected |

| | |
|---|---|
| Analysis: | Expected results achieved |

## About the National Institute of Justice

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

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

### Strategic Goals

NIJ has seven strategic goals grouped into three categories:

### Creating relevant knowledge and tools

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

### Dissemination

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

### Agency management

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

### Program Areas

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

In addition to sponsoring research and development and technology assistance, NIJ evaluates programs, policies, and technologies. NIJ communicates its research and evaluation findings through conferences and print and electronic media.