



NIJ

Special

REPORT

Test Results for Mobile Device Acquisition Tool:
XRY 5.0.2

www.ojp.usdoj.gov/nij

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

810 Seventh Street N.W.
Washington, DC 20531

Eric H. Holder, Jr.
Attorney General

Laurie O. Robinson
Assistant Attorney General

John H. Laub
Director, National Institute of Justice

This and other publications and products of the National Institute of Justice can be found at:

National Institute of Justice
www.ojp.usdoj.gov/nij

Office of Justice Programs
Innovation • Partnerships • Safer Neighborhoods
www.ojp.usdoj.gov

**Test Results for Mobile Device Acquisition Tool:
XRY 5.0.2**



John H. Laub

Director, National Institute of Justice

This report was prepared for the National Institute of Justice, U.S. Department of Justice, by the Office of Law Enforcement Standards of the National Institute of Standards and Technology under Interagency Agreement 2003-IJ-R-029.

The National Institute of Justice is a component of the Office of Justice Programs, which also includes the Bureau of Justice Assistance, the Bureau of Justice Statistics, the Office of Juvenile Justice and Delinquency Prevention, and the Office for Victims of Crime.

November 2010

**Test Results for Mobile Device Acquisition Tool:
XRY 5.0.2**



Contents

Introduction.....	1
How to Read This Report	1
1 Results Summary	3
2 Test Case Selection.....	4
3 Results by Test Assertion.....	13
3.1 Acquisition Disruption.....	43
3.2 Physical Acquisition	43
3.3 Acquisition of Call Logs.....	44
3.4 Acquisition of MMS related data.....	44
3.5 Physical Acquisition of deleted text messages	44
3.6 Acquisition of Stand-alone data files.....	44
4 Testing Environment.....	45
4.1 Test Computers	45
4.2 Mobile Devices	45
4.3 Internal Memory Data Objects.....	46
4.4 Subscriber Identity Module Data Objects.....	47
5 Test Results.....	48
5.1 Test Results Report Key	48
5.2 Test Details	49
5.2.1 SPT-01 (iPhone 3Gs).....	49
5.2.2 SPT-02 (iPhone 3Gs).....	50
5.2.3 SPT-03 (iPhone 3Gs).....	51
5.2.4 SPT-04 (iPhone 3Gs).....	52
5.2.5 SPT-05 (iPhone 3Gs).....	53
5.2.6 SPT-06 (iPhone 3Gs).....	54
5.2.7 SPT-07 (iPhone 3Gs).....	55
5.2.8 SPT-08 (iPhone 3Gs).....	56
5.2.9 SPT-09 (iPhone 3Gs).....	57
5.2.10 SPT-10 (iPhone 3Gs).....	58
5.2.11 SPT-12 (iPhone 3Gs).....	59
5.2.12 SPT-13 (iPhone 3Gs).....	60
5.2.13 SPT-14 (iPhone 3Gs).....	61
5.2.14 SPT-15 (iPhone 3Gs).....	62
5.2.15 SPT-16 (iPhone 3Gs).....	63
5.2.16 SPT-17 (iPhone 3Gs).....	64
5.2.17 SPT-18 (iPhone 3Gs).....	65
5.2.18 SPT-19 (iPhone 3Gs).....	66
5.2.19 SPT-20 (iPhone 3Gs).....	67
5.2.20 SPT-21 (iPhone 3Gs).....	68
5.2.21 SPT-22 (iPhone 3Gs).....	69
5.2.22 SPT-23 (iPhone 3Gs).....	70
5.2.23 SPT-24 (iPhone 3Gs).....	71
5.2.24 SPT-25 (iPhone 3Gs).....	72

5.2.25	SPT-26 (iPhone 3Gs)	73
5.2.26	SPT-27 (iPhone 3Gs)	74
5.2.27	SPT-28 (iPhone 3Gs)	75
5.2.28	SPT-29 (iPhone 3Gs)	76
5.2.29	SPT-30 (iPhone 3Gs)	77
5.2.30	SPT-31 (iPhone 3Gs)	78
5.2.31	SPT-33 (iPhone 3Gs)	80
5.2.32	SPT-34 (iPhone 3Gs)	81
5.2.33	SPT-35 (iPhone 3Gs)	82
5.2.34	SPT-36 (iPhone 3Gs)	83
5.2.35	SPT-38 (iPhone 3Gs)	84
5.2.36	SPT-01 (Blackberry 9700)	85
5.2.37	SPT-02 (Blackberry 9700)	86
5.2.38	SPT-03 (Blackberry 9700)	87
5.2.39	SPT-04 (Blackberry 9700)	88
5.2.40	SPT-05 (Blackberry 9700)	89
5.2.41	SPT-06 (Blackberry 9700)	90
5.2.42	SPT-07 (Blackberry 9700)	91
5.2.43	SPT-08 (Blackberry 9700)	92
5.2.44	SPT-09 (Blackberry 9700)	93
5.2.45	SPT-10 (Blackberry 9700)	94
5.2.46	SPT-11 (Blackberry 9700)	95
5.2.47	SPT-13 (Blackberry 9700)	96
5.2.48	SPT-14 (Blackberry 9700)	97
5.2.49	SPT-15 (Blackberry 9700)	98
5.2.50	SPT-16 (Blackberry 9700)	99
5.2.51	SPT-17 (Blackberry 9700)	100
5.2.52	SPT-18 (Blackberry 9700)	101
5.2.53	SPT-19 (Blackberry 9700)	102
5.2.54	SPT-20 (Blackberry 9700)	103
5.2.55	SPT-21 (Blackberry 9700)	104
5.2.56	SPT-22 (Blackberry 9700)	105
5.2.57	SPT-23 (Blackberry 9700)	106
5.2.58	SPT-24 (Blackberry 9700)	107
5.2.59	SPT-25 (Blackberry 9700)	108
5.2.60	SPT-26 (Blackberry 9700)	109
5.2.61	SPT-27 (Blackberry 9700)	110
5.2.62	SPT-28 (Blackberry 9700)	111
5.2.63	SPT-29 (Blackberry 9700)	112
5.2.64	SPT-30 (Blackberry 9700)	113
5.2.65	SPT-33 (Blackberry 9700)	114
5.2.66	SPT-34 (Blackberry 9700)	115
5.2.67	SPT-35 (Blackberry 9700)	116
5.2.68	SPT-36 (Blackberry 9700)	117
5.2.69	SPT-38 (Blackberry 9700)	118
5.2.70	SPT-01 (Nokia e71x)	119

5.2.71	SPT-02 (Nokia e71x)	120
5.2.72	SPT-03 (Nokia e71x)	121
5.2.73	SPT-04 (Nokia e71x)	122
5.2.74	SPT-05 (Nokia e71x)	123
5.2.75	SPT-06 (Nokia e71x)	124
5.2.76	SPT-07 (Nokia e71x)	125
5.2.77	SPT-08 (Nokia e71x)	126
5.2.78	SPT-09 (Nokia e71x)	127
5.2.79	SPT-10 (Nokia e71x)	128
5.2.80	SPT-11 (Nokia e71x)	129
5.2.81	SPT-13 (Nokia e71x)	130
5.2.82	SPT-14 (Nokia e71x)	131
5.2.83	SPT-15 (Nokia e71x)	132
5.2.84	SPT-16 (Nokia e71x)	133
5.2.85	SPT-17 (Nokia e71x)	134
5.2.86	SPT-18 (Nokia e71x)	135
5.2.87	SPT-19 (Nokia e71x)	136
5.2.88	SPT-20 (Nokia e71x)	137
5.2.89	SPT-21 (Nokia e71x)	138
5.2.90	SPT-22 (Nokia e71x)	139
5.2.91	SPT-23 (Nokia e71x)	140
5.2.92	SPT-24 (Nokia e71x)	141
5.2.93	SPT-25 (Nokia e71x)	142
5.2.94	SPT-26 (Nokia e71x)	143
5.2.95	SPT-27 (Nokia e71x)	144
5.2.96	SPT-28 (Nokia e71x)	145
5.2.97	SPT-29 (Nokia e71x)	146
5.2.98	SPT-30 (Nokia e71x)	147
5.2.99	SPT-33 (Nokia e71x)	148
5.2.100	SPT-34 (Nokia e71x)	149
5.2.101	SPT-35 (Nokia e71x)	150
5.2.102	SPT-36 (Nokia e71x)	151
5.2.103	SPT-38 (Nokia e71x)	152
5.2.104	SPT-01 (HTC Touch Pro 2)	153
5.2.105	SPT-02 (HTC Touch Pro 2)	154
5.2.106	SPT-03 (HTC Touch Pro 2)	155
5.2.107	SPT-04 (HTC Touch Pro 2)	156
5.2.108	SPT-05 (HTC Touch Pro 2)	157
5.2.109	SPT-06 (HTC Touch Pro 2)	158
5.2.110	SPT-07 (HTC Touch Pro 2)	159
5.2.111	SPT-08 (HTC Touch Pro 2)	160
5.2.112	SPT-09 (HTC Touch Pro 2)	161
5.2.113	SPT-10 (HTC Touch Pro 2)	162
5.2.114	SPT-11 (HTC Touch Pro 2)	163
5.2.115	SPT-12 (HTC Touch Pro 2)	164
5.2.116	SPT-13 (HTC Touch Pro 2)	165

5.2.117	SPT-24 (HTC Touch Pro 2).....	166
5.2.118	SPT-25 (HTC Touch Pro 2).....	167
5.2.119	SPT-29 (HTC Touch Pro 2).....	168
5.2.120	SPT-31 (HTC Touch Pro 2).....	169
5.2.121	SPT-32 (HTC Touch Pro 2).....	170
5.2.122	SPT-33 (HTC Touch Pro 2).....	172
5.2.123	SPT-38 (HTC Touch Pro 2).....	173
5.2.124	SPT-01 (Blackberry 9630).....	174
5.2.125	SPT-02 (Blackberry 9630).....	175
5.2.126	SPT-03 (Blackberry 9630).....	176
5.2.127	SPT-04 (Blackberry 9630).....	177
5.2.128	SPT-05 (Blackberry 9630).....	178
5.2.129	SPT-06 (Blackberry 9630).....	179
5.2.130	SPT-07 (Blackberry 9630).....	180
5.2.131	SPT-08 (Blackberry 9630).....	181
5.2.132	SPT-09 (Blackberry 9630).....	182
5.2.133	SPT-10 (Blackberry 9630).....	183
5.2.134	SPT-11 (Blackberry 9630).....	184
5.2.135	SPT-13 (Blackberry 9630).....	185
5.2.136	SPT-24 (Blackberry 9630).....	186
5.2.137	SPT-25 (Blackberry 9630).....	187
5.2.138	SPT-29 (Blackberry 9630).....	188
5.2.139	SPT-33 (Blackberry 9630).....	189
5.2.140	SPT-38 (Blackberry 9630).....	190

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 applicable users that the tools used in computer forensics investigations provide accurate results. Accomplishing this requires the development of specifications and test methods for computer forensics tools and subsequent testing of specific tools against those specifications.

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

This document reports the results from testing XRY, version 5.0.2, against the *Smart Phone Tool Test Assertions and Test Plan*, available at the CFTT Web site (www.cfft.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/cfft.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: Micro Systemation XRY/XACT

Version: 5.0.2

Run Environment: Windows XP Service Pack 2

Supplier: MSAB INC

Address: House of Sweden, 2900 K-Street NW, Suite 501, Washington DC,
20007

Tel: 202-536-1590

Fax: 888-395-9027

WWW: <http://www.msab.com>

1 Results Summary

Except for the following test cases: SPT-03 (iPhone 3Gs), SPT-31 (iPhone 3Gs), SPT-07 (Blackberry Bold 9700), SPT-09 (Blackberry Bold 9700, Blackberry 9630), SPT-32 (HTC Touch Pro 2), SPT-10 (Blackberry 9630) the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices (i.e., iPhone 3Gs, Blackberry Bold 9700, Nokia e71x, HTC Touch Pro 2, Blackberry 9630). The exceptions were the following:

- Notification of device acquisition disruption was not successful. Test Case: SPT-03 (iPhone 3Gs)
- Physical acquisition ended in errors. Test Case: SPT-31 (iPhone 2G)
- Acquisition of call log data was not successful. Test Case: SPT-07 (Blackberry Bold 9700)
- Acquisition of MMS-related data was not successful. Test Case: SPT-09 (Blackberry Bold 9700, Blackberry 9630)
- Recovery of deleted SMS and EMS messages was not successful. Test Case: SPT-32 (HTC Touch Pro 2)
- Video files are not acquired. Test Case: SPT-10 (Blackberry 9630)

2 Test Case Selection

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

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

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-12, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT-24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT-25
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27

Supported Test Cases	Cases Selected for Execution
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
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 2a: Omitted Test Cases (iPhone 3Gs)

Unsupported Test Cases	Cases omitted - not executed
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT-11
Perform a physical acquisition and review 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 1b: Selected Test Cases (BlackBerry Bold 9700)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-11, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT-24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT-25
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT-29
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT-30
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34

Supported Test Cases	Cases Selected for Execution
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 2b: Omitted Test Cases (BlackBerry Bold 9700)

Unsupported Test Cases	Cases omitted - not executed
Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites).	SPT-12
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire 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 (Nokia e71x)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-11, SPT-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	SPT-21

Supported Test Cases	Cases Selected for Execution
messages (SMS, EMS).	
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT-24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT-25
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT-29
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT-30
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
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 (Nokia e71x)

Unsupported Test Cases	Cases omitted - not executed
Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.	SPT-12
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire 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 (HTC Touch Pro 2)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-11, SPT-12, SPT-13
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT-24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT-25
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT-29
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT-38

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

Unsupported Test Cases	Cases omitted - not executed
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT-30
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

Table 1e: Selected Test Cases (Blackberry 9630)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-11, SPT-13
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT-24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT-25
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT-29
Acquire mobile device internal memory and review 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 (Blackberry 9630)

Unsupported Test Cases	Cases omitted - not executed
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

Unsupported Test Cases	Cases omitted - not executed
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 – 3e 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	
SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.	1	
SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	3.1
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries	1	

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

Assertions Tested	Tests	Anomaly
application.		
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-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	1	

Assertions Tested	Tests	Anomaly
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-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should	1	

Assertions Tested	Tests	Anomaly
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.	1	
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.	1	3.2
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	2	
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	2	
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	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 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	
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target	1	

Assertions Tested	Tests	Anomaly
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.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.	1	
SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	3.3
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	3.4
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	3.4
SPT-CA-23 If a cellular forensic tool completes acquisition of the target	1	3.4

Assertions Tested	Tests	Anomaly
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.	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-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-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	1	

Assertions Tested	Tests	Anomaly
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.	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 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	2	

Assertions Tested	Tests	Anomaly
device / SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition of the 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-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	2	
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	2	
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	

Table 3c: 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 device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be	1	

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

Assertions Tested	Tests	Anomaly
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.	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 application or suggested third-party application.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-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-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	2	
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	2	
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	

Table 3d: 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	1	

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

Assertions Tested	Tests	Anomaly
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 application or suggested third-party application.	1	
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-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	1	

Assertions Tested	Tests	Anomaly
device without error then the tool shall present the acquired data in a useable format via supported generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	1	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	1	
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.	1	
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.	1	
SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.	1	
SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.	1	
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.	1	3.5
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.	1	3.5
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.	1	
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.	1	
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.	1	
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in	1	

Assertions Tested	Tests	Anomaly
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 3e: 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	
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
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-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	3.4
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	3.4
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.	1	3.4
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-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	
SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	1	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	1	
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.	1	
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.	1	
SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.	1	
SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.	1	
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.	1	

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

Table 4a-4e 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-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-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT-AO-23 If a cellular forensic tool provides the user with a “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select

Assertions Not Tested
Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.
SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

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

Assertions Not Tested
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-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.

Assertions Not Tested
SPT-AO-23 If a cellular forensic tool provides the user with a “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.
SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

Table 4c: Assertions Not Tested (Nokia e71x)

Assertions Not Tested
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-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.
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-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-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

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

Assertions Not Tested
SPT-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.
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

Assertions Not Tested
error then ASCII EMS text messages shall be presented in a useable format.
SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.
SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT-AO-23 If a cellular forensic tool provides the user with a “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

Table 4e: Assertions Not Tested (Blackberry 9630)

Assertions Not Tested
SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
SPT-CA-02 If a cellular forensic tool attempts to connect to a 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 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

Assertions Not Tested
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 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.
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-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

Assertions Not Tested
the tool shall notify the user that the SIM is not supported.
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.
SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.
SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.
SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.

Assertions Not Tested
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT-AO-23 If a cellular forensic tool provides the user with a “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT-AO-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.
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.
SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
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.

Assertions Not Tested
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.
SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT-AO-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.

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

3.1 Acquisition Disruption

Notification of device acquisition disruption was not successful for test case SPT-03 for the iPhone 3Gs. The acquisition was disrupted by removing the cable from the mobile device during acquisition.

3.2 Physical Acquisition

Physical acquisition of the iPhone 2G did not acquire any data and ended in errors for test case SPT-31. Below is the log file generated during the physical acquisition process.

Log of extraction process created by XRY (12 items)

```
Index: 1
Module: MAIN
Status: Success
Time: 8:49:47 AM
Message: Initiating Process at 8:49

Index: 2
Module: MAIN
Status: Success
Time: 8:49:47 AM
Message: XRY Version 5.0

Index: 3
Module: MAIN
Status: Success
Time: 8:49:47 AM
Message: Connected to Apple iPhone 2G []

Index: 4
Module: MAIN
Status: Success
Time: 8:49:47 AM
Message: Starting process of IDUMPER (5.0)

Index: 5
Module: IDUMPER
Status: Success
Time: 8:49:48 AM
Message: Apple mobile device connected.

Index: 6
Module: IDUMPER
Status: Success
Time: 8:49:50 AM
Message: User partition is 7 GB.

Index: 7
Module: IDUMPER
Status: Success
Time: 8:50:45 AM
Message: Apple mobile device connected.

Index: 8
Module: IDUMPER
Status: Unsuccessful
Time: 8:52:01 AM
Message: Failed to read blocks.
```

```
Index: 9
Module: IDUMPER
Status: Unsuccessful
Time: 8:53:01 AM
Message: Failed to close disk.

Index: 10
Module: IDUMPER
Status: Unsuccessful
Time: 8:54:01 AM
Message: Failed to open file for write

Index: 11
Module: IDUMPER
Status: Unsuccessful
Time: 8:54:01 AM
Message: Failed to stop device session.

Index: 12
Module: MAIN
Status: Unsuccessful
Time: 8:54:01 AM
Message: IDUMPER (5.0) completed with error
```

3.3 Acquisition of Call Logs

For test case SPT-07, incoming, outgoing and missed call data were not acquired from the Blackberry Bold 9700.

3.4 Acquisition of MMS related data

For test case SPT-09, the textual portion of MMS messages was not reported for the Blackberry Bold 9700 or Blackberry 9630.

For the Blackberry Bold 9700 supported graphics files were not reported and when attempting acquisition of video files the following error was produced:

```
Video files embedded in MMS messages produce the following error: Error-36: an I/O error
occurred (-1-0-01000045.mms\)
```

MMS video files were not reported for the Blackberry 9630.

3.5 Physical Acquisition of deleted text messages

For test case SPT-32, no deleted text messages (i.e., SMS, EMS) were recovered for the HTC Touch Pro 2.

3.6 Acquisition of Stand-alone data files

Stand-alone data files (i.e., video files) were not acquired from the Blackberry 9630 for test case SPT-10.

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 <i>Smart Phone Tool Test Assertion and Test Plan</i> .
Assertions:	The test assertions applicable to the test case, selected from <i>Smart Phone Tool Test Assertion and Test Plan</i> .
Tester Name:	Name or initials of person executing test procedure.
Test Host:	Host computer executing the test.
Test Date:	Time and date that test was started.
Device:	Source mobile device, 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 XRY/XACT Version 5.0.2											
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).										
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue May 25 08:01:26 EDT 2010										
Device:	iPhone3Gs										
Source Setup:	OS: WIN XP Interface: cable										
Log Highlights:	<p>Created by Micro Systematio XRY/XACT Version 5.0.2</p> <p>Acquisition started: Tue May 25 08:01:26 EDT 2010</p> <p>Acquisition finished: Tue May 25 08:04:08 EDT 2010</p> <p>Device connectivity was established via supported interface</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-01 Device connectivity via supported interfaces.	as expected										
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected										
SPT-CA-29 Acquire-All data objects acquisition.	as expected										
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

5.2.2 SPT-02 (iPhone 3Gs)

Test Case SPT-02 XRY/XACT Version 5.0.2					
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 May 25 08:06:58 EDT 2010				
Device:	unsupported_device				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue May 25 08:06:58 EDT 2010 Acquisition finished: Tue May 25 08:10:37 EDT 2010 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.3 SPT-03 (iPhone 3Gs)

Test Case SPT-03 XRY/XACT Version 5.0.2					
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 May 25 08:58:39 EDT 2010				
Device:	iPhone3Gs				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue May 25 08:58:39 EDT 2010 Acquisition finished: Tue May 25 09:00:06 EDT 2010</p> <p>Device acquisition disruption notification was not successful</p> <p>Notes: No warning messages are provided to the user that connectivity has been disrupted during acquisition.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	Not as expected				
Analysis:	Expected results Not achieved				

5.2.4 SPT-04 (iPhone 3Gs)

Test Case SPT-04 XRY/XACT Version 5.0.2					
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 May 25 09:15:38 EDT 2010				
Device:	iPhone3Gs				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue May 25 09:15:38 EDT 2010 Acquisition finished: Tue May 25 09:21:19 EDT 2010 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.5 SPT-05 (iPhone 3Gs)

Test Case SPT-05 XRY/XACT Version 5.0.2							
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).						
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue May 25 09:37:43 EDT 2010						
Device:	iPhone3Gs						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue May 25 09:37:43 EDT 2010 Acquisition finished: Tue May 25 09:47:57 EDT 2010 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected						
SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected						
Analysis:	Expected results achieved						

5.2.6 SPT-06 (iPhone 3Gs)

Test Case SPT-06 XRY/XACT Version 5.0.2																			
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.																		
Assertions:	<p>SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.</p> <p>SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.</p> <p>SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.</p> <p>SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.</p> <p>SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.</p> <p>SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.</p>																		
Tester Name:	rpa																		
Test Host:	Morrisy																		
Test Date:	Tue May 25 09:53:57 EDT 2010																		
Device:	iPhone3Gs																		
Source Setup:	OS: WIN XP Interface: cable																		
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Tue May 25 09:53:57 EDT 2010</p> <p>Acquisition finished: Tue May 25 09:57:01 EDT 2010</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Expected results achieved																		

5.2.7 SPT-07 (iPhone 3Gs)

Test Case SPT-07 XRY/XACT Version 5.0.2							
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:	Tue May 25 09:57:46 EDT 2010						
Device:	iPhone3Gs						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue May 25 09:57:46 EDT 2010 Acquisition finished: Tue May 25 10:02:07 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-15 Acquisition of call logs.	as expected	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-15 Acquisition of call logs.	as expected						
SPT-CA-16 Acquisition of call log date/time stamps.	as expected						
Analysis:	Expected results achieved						

5.2.8 SPT-08 (iPhone 3Gs)

Test Case SPT-08 XRY/XACT Version 5.0.2											
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.										
Assertions:	<p>SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.</p> <p>SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.</p> <p>SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.</p> <p>SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue May 25 10:02:55 EDT 2010										
Device:	iPhone3Gs										
Source Setup:	OS: WIN XP Interface: cable										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue May 25 10:02:55 EDT 2010 Acquisition finished: Tue May 25 10:18:28 EDT 2010</p> <p>ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

5.2.9 SPT-09 (iPhone 3Gs)

Test Case SPT-09 XRY/XACT Version 5.0.2									
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).								
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Fri May 28 08:30:33 EDT 2010								
Device:	iPhone3Gs								
Source Setup:	OS: WIN XP Interface: cable								
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri May 28 08:30:33 EDT 2010 Acquisition finished: Fri May 28 09:27:16 EDT 2010 ALL MMS messages (Audio, Image, Video) were acquired								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-21 Acquisition of audio MMS messages.	as expected	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected	SPT-CA-23 Acquisition of video MMS messages.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected								
SPT-CA-23 Acquisition of video MMS messages.	as expected								
Analysis:	Expected results achieved								

5.2.10 SPT-10 (iPhone 3Gs)

Test Case SPT-10 XRY/XACT Version 5.0.2									
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).								
Assertions:	<p>SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Fri May 28 09:27:44 EDT 2010								
Device:	iPhone3Gs								
Source Setup:	OS: WIN XP Interface: cable								
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Fri May 28 09:27:44 EDT 2010</p> <p>Acquisition finished: Fri May 28 09:30:12 EDT 2010</p> <p>ALL stand-alone data files (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	as expected								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	as expected								
Analysis:	Expected results achieved								

5.2.11 SPT-12 (iPhone 3Gs)

Test Case SPT-12 XRY/XACT Version 5.0.2					
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites).				
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri May 28 10:53:49 EDT 2010				
Device:	iPhone3Gs				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri May 28 10:53:49 EDT 2010 Acquisition finished: Fri May 28 10:53:59 EDT 2010 All Internet related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-28 Acquisition of Internet related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-28 Acquisition of Internet related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-28 Acquisition of Internet related data.	as expected				
Analysis:	Expected results achieved				

5.2.12 SPT-13 (iPhone 3Gs)

Test Case SPT-13 XRY/XACT Version 5.0.2					
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.				
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri May 28 10:54:18 EDT 2010				
Device:	iPhone3Gs				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri May 28 10:54:18 EDT 2010 Acquisition finished: Fri May 28 10:55:00 EDT 2010 Acquire All acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-29 Acquire-All data objects acquisition.	as expected				
Analysis:	Expected results achieved				

5.2.13 SPT-14 (iPhone 3Gs)

Test Case SPT-14 XRY/XACT Version 5.0.2					
Case Summary:	SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).				
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 1 08:58:15 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 08:58:15 EDT 2010 Acquisition finished: Tue Jun 1 09:00:20 EDT 2010 Media connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-01 SIM connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.14 SPT-15 (iPhone 3Gs)

Test Case SPT-15 XRY/XACT Version 5.0.2					
Case Summary:	SPT-15 Attempt acquisition of a non-supported SIM.				
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 1 09:01:13 EDT 2010				
Device:	unsupported_sim				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 09:01:13 EDT 2010 Acquisition finished: Tue Jun 1 09:02:59 EDT 2010 Identification of non-supported media was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-02 Identification of non-supported SIMs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of non-supported SIMs.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-02 Identification of non-supported SIMs.	as expected				
Analysis:	Expected results achieved				

5.2.15 SPT-16 (iPhone 3Gs)

Test Case SPT-16 XRY/XACT Version 5.0.2					
Case Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 1 09:03:26 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 09:03:26 EDT 2010 Acquisition finished: Tue Jun 1 09:09:49 EDT 2010 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-03 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-03 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.16 SPT-17 (iPhone 3Gs)

Test Case SPT-17 XRY/XACT Version 5.0.2											
Case Summary:	SPT-17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).										
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Jun 1 09:10:08 EDT 2010										
Device:	ATT_SIM										
Source Setup:	OS: WIN XP Interface: USB										
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 09:10:08 EDT 2010 Acquisition finished: Tue Jun 1 09:17:40 EDT 2010 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-04 Acquisition of SPN.	as expected	SPT-AO-05 Acquisition of ICCID.	as expected	SPT-AO-06 Acquisition of IMSI.	as expected	SPT-AO-07 Acquisition of MSISDN.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-04 Acquisition of SPN.	as expected										
SPT-AO-05 Acquisition of ICCID.	as expected										
SPT-AO-06 Acquisition of IMSI.	as expected										
SPT-AO-07 Acquisition of MSISDN.	as expected										
Analysis:	Expected results achieved										

5.2.17 SPT-18 (iPhone 3Gs)

Test Case SPT-18 XRY/XACT Version 5.0.2											
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).										
Assertions:	<p>SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.</p> <p>SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.</p> <p>SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.</p> <p>SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Jun 1 12:33:19 EDT 2010										
Device:	ATT_SIM										
Source Setup:	OS: WIN XP Interface: USB										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Tue Jun 1 12:33:19 EDT 2010</p> <p>Acquisition finished: Tue Jun 1 12:38:04 EDT 2010</p> <p>All ADNs were acquired</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-08 Acquisition of ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-09 Acquisition of maximum length ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-10 Acquisition of special character ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-11 Acquisition of blank name ADNs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-08 Acquisition of ADNs.	as expected	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	SPT-AO-10 Acquisition of special character ADNs.	as expected	SPT-AO-11 Acquisition of blank name ADNs.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-08 Acquisition of ADNs.	as expected										
SPT-AO-09 Acquisition of maximum length ADNs.	as expected										
SPT-AO-10 Acquisition of special character ADNs.	as expected										
SPT-AO-11 Acquisition of blank name ADNs.	as expected										
Analysis:	Expected results achieved										

5.2.18 SPT-19 (iPhone 3Gs)

Test Case SPT-19 XRY/XACT Version 5.0.2							
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).						
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jun 1 12:38:23 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 12:38:23 EDT 2010 Acquisition finished: Tue Jun 1 13:24:59 EDT 2010 LNDs were acquired Date/Time Stamps correctly reported for LNDs						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-12 Acquisition of LNDs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-13 Acquisition of LND date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-12 Acquisition of LNDs.	as expected	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-12 Acquisition of LNDs.	as expected						
SPT-AO-13 Acquisition of LND date/time stamps.	as expected						
Analysis:	Expected results achieved						

5.2.19 SPT-20 (iPhone 3Gs)

Test Case SPT-20 XRY/XACT Version 5.0.2													
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).												
Assertions:	<p>SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.</p> <p>SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.</p> <p>SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.</p> <p>SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.</p> <p>SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</p>												
Tester Name:	rpa												
Test Host:	Morrisy												
Test Date:	Tue Jun 1 13:25:23 EDT 2010												
Device:	ATT_SIM												
Source Setup:	OS: WIN XP Interface: USB												
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Tue Jun 1 13:25:23 EDT 2010</p> <p>Acquisition finished: Tue Jun 1 13:39:23 EDT 2010</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>All date/time stamps were reported for text messages</p> <p>Correct status flags were reported for text messages</p> <p>Sender and Recipient phone numbers associated with text messages were correctly reported</p>												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-14 Acquisition of SMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-15 Acquisition of EMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-16 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-17 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-14 Acquisition of SMS messages.	as expected	SPT-AO-15 Acquisition of EMS messages.	as expected	SPT-AO-16 Acquisition of text message date/time stamps.	as expected	SPT-AO-17 Acquisition of text message status flags.	as expected	SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result												
SPT-AO-14 Acquisition of SMS messages.	as expected												
SPT-AO-15 Acquisition of EMS messages.	as expected												
SPT-AO-16 Acquisition of text message date/time stamps.	as expected												
SPT-AO-17 Acquisition of text message status flags.	as expected												
SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected												
Analysis:	Expected results achieved												

5.2.20 SPT-21 (iPhone 3Gs)

Test Case SPT-21 XRY/XACT Version 5.0.2					
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).				
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 1 13:39:47 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 13:39:47 EDT 2010 Acquisition finished: Tue Jun 1 13:46:12 EDT 2010 Deleted text message data was recovered				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected				
Analysis:	Expected results achieved				

5.2.21 SPT-22 (iPhone 3Gs)

Test Case SPT-22 XRY/XACT Version 5.0.2							
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).						
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GPRSLOCI) shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jun 1 13:46:39 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 13:46:39 EDT 2010 Acquisition finished: Tue Jun 1 13:59:13 EDT 2010 LOCI data was acquired GPRSLOCI data was acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-20 Acquisition of LOCI information.	as expected						
SPT-AO-21 Acquisition of GPRSLOCI information.	as expected						
Analysis:	Expected results achieved						

5.2.22 SPT-23 (iPhone 3Gs)

Test Case SPT-23 XRY/XACT Version 5.0.2							
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.						
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jun 1 14:01:02 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 14:01:02 EDT 2010 Acquisition finished: Tue Jun 1 14:11:53 EDT 2010 Acquire All acquisition was successful						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected
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						

5.2.23 SPT-24 (iPhone 3Gs)

Test Case SPT-24 XRY/XACT Version 5.0.2					
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.				
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 1 14:12:44 EDT 2010				
Device:	iPhone3Gs				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 14:12:44 EDT 2010 Acquisition finished: Tue Jun 1 14:24:09 EDT 2010 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.24 SPT-25 (iPhone 3Gs)

Test Case SPT-25 XRY/XACT Version 5.0.2					
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.				
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 1 14:24:38 EDT 2010				
Device:	iPhone3Gs				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 14:24:38 EDT 2010 Acquisition finished: Tue Jun 1 14:24:51 EDT 2010 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.25 SPT-26 (iPhone 3Gs)

Test Case SPT-26 XRY/XACT Version 5.0.2					
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supported generated report formats.				
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 1 14:41:20 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 14:41:20 EDT 2010 Acquisition finished: Tue Jun 1 14:45:20 EDT 2010 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.26 SPT-27 (iPhone 3Gs)

Test Case SPT-27 XRY/XACT Version 5.0.2					
Case Summary:	SPT-27 Acquire SIM memory and review reported data via the preview-pane.				
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 1 14:45:50 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 14:45:50 EDT 2010 Acquisition finished: Tue Jun 1 14:51:44 EDT 2010 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.27 SPT-28 (iPhone 3Gs)

Test Case SPT-28 XRY/XACT Version 5.0.2					
Case Summary:	SPT-28 Attempt acquisition of a password-protected SIM.				
Assertions:	SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 1 15:01:45 EDT 2010				
Device:	ATT SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 1 15:01:45 EDT 2010 Acquisition finished: Tue Jun 1 15:02:44 EDT 2010 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-28 Acquisition of password protected SIM.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-28 Acquisition of password protected SIM.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-28 Acquisition of password protected SIM.	as expected				
Analysis:	Expected results achieved				

5.2.28 SPT-29 (iPhone 3Gs)

Test Case SPT-29 XRY/XACT Version 5.0.2					
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 2 08:03:55 EDT 2010				
Device:	iPhone3Gs				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 08:03:55 EDT 2010 Acquisition finished: Wed Jun 2 08:13:37 EDT 2010 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.29 SPT-30 (iPhone 3Gs)

Test Case SPT-30 XRY/XACT Version 5.0.2					
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 2 08:13:56 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 08:13:56 EDT 2010 Acquisition finished: Wed Jun 2 08:17:37 EDT 2010 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.30 SPT-31 (iPhone 3Gs)

Test Case SPT-31 XRY/XACT Version 5.0.2	
Case Summary:	SPT-31 Perform a physical acquisition and review data output for readability.
Assertions:	SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jun 2 08:53:20 EDT 2010
Device:	iPhone2G
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 08:53:20 EDT 2010 Acquisition finished: Wed Jun 2 08:53:35 EDT 2010</p> <p>Physical Acquisition: readability and completeness was not successful</p> <p>Notes:</p> <p>Log of extraction process created by XRY (12 items)</p> <p>Index: 1 Module: MAIN Status: Success Time: 8:49:47 AM Message: Initiating Process at 8:49</p> <p>Index: 2 Module: MAIN Status: Success Time: 8:49:47 AM Message: XRY Version 5.0</p> <p>Index: 3 Module: MAIN Status: Success Time: 8:49:47 AM Message: Connected to Apple iPhone 2G []</p> <p>Index: 4 Module: MAIN Status: Success Time: 8:49:47 AM Message: Starting process of IDUMPER (5.0)</p> <p>Index: 5 Module: IDUMPER Status: Success Time: 8:49:48 AM Message: Apple mobile device connected.</p> <p>Index: 6 Module: IDUMPER Status: Success Time: 8:49:50 AM Message: User partition is 7 GB.</p> <p>Index: 7 Module: IDUMPER Status: Success Time: 8:50:45 AM Message: Apple mobile device connected.</p> <p>Index: 8 Module: IDUMPER</p>

Test Case SPT-31 XRY/XACT Version 5.0.2					
	<pre> Status: Unsuccessful Time: 8:52:01 AM Message: Failed to read blocks. Index: 9 Module: IDUMPER Status: Unsuccessful Time: 8:53:01 AM Message: Failed to close disk. Index: 10 Module: IDUMPER Status: Unsuccessful Time: 8:54:01 AM Message: Failed to open file for write Index: 11 Module: IDUMPER Status: Unsuccessful Time: 8:54:01 AM Message: Failed to stop device session. Index: 12 Module: MAIN Status: Unsuccessful Time: 8:54:01 AM Message: IDUMPER (5.0) completed with error </pre>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-31 Physical acquisition, data is presented in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-31 Physical acquisition, data is presented in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-31 Physical acquisition, data is presented in a useable format.	Not as expected				
Analysis:	Expected results Not achieved				

5.2.31 SPT-33 (iPhone 3Gs)

Test Case SPT-33 XRY/XACT Version 5.0.2							
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.						
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Wed Jun 2 09:02:01 EDT 2010						
Device:	iPhone3Gs						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 09:02:01 EDT 2010 Acquisition finished: Wed Jun 2 09:06:38 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

5.2.32 SPT-34 (iPhone 3Gs)

Test Case SPT-34 XRY/XACT Version 5.0.2							
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 Jun 2 09:07:01 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 09:07:01 EDT 2010 Acquisition finished: Wed Jun 2 09:08:53 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

5.2.33 SPT-35 (iPhone 3Gs)

Test Case SPT-35 XRY/XACT Version 5.0.2					
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 Jun 2 09:09:21 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 09:09:21 EDT 2010 Acquisition finished: Wed Jun 2 09:15:11 EDT 2010 The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-29 Display remaining number of PIN attempts.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-29 Display remaining number of PIN attempts.	as expected				
Analysis:	Expected results achieved				

5.2.34 SPT-36 (iPhone 3Gs)

Test Case SPT-36 XRY/XACT Version 5.0.2					
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 Jun 2 09:15:28 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 09:15:28 EDT 2010 Acquisition finished: Wed Jun 2 09:15:37 EDT 2010 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-30 Display remaining number of PUK attempts.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-30 Display remaining number of PUK attempts.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-30 Display remaining number of PUK attempts.	as expected				
Analysis:	Expected results achieved				

5.2.35 SPT-38 (iPhone 3Gs)

Test Case SPT-38 XRY/XACT Version 5.0.2					
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 Jun 2 09:20:27 EDT 2010				
Device:	iPhone3Gs				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 09:20:27 EDT 2010 Acquisition finished: Wed Jun 2 09:21:20 EDT 2010 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

5.2.36 SPT-01 (Blackberry 9700)

Test Case SPT-01 XRY/XACT Version 5.0.2											
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).										
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Wed Jun 2 13:58:01 EDT 2010										
Device:	Blackberry_9700										
Source Setup:	OS: WIN XP Interface: cable										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Wed Jun 2 13:58:01 EDT 2010</p> <p>Acquisition finished: Wed Jun 2 13:59:26 EDT 2010</p> <p>Device connectivity was established via supported interface</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-01 Device connectivity via supported interfaces.	as expected										
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected										
SPT-CA-29 Acquire-All data objects acquisition.	as expected										
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

5.2.37 SPT-02 (Blackberry 9700)

Test Case SPT-02 XRY/XACT Version 5.0.2					
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:	Wed Jun 2 14:02:18 EDT 2010				
Device:	unsupported_device				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 14:02:18 EDT 2010 Acquisition finished: Wed Jun 2 14:03:24 EDT 2010 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.38 SPT-03 (Blackberry 9700)

Test Case SPT-03 XRY/XACT Version 5.0.2					
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 2 14:04:20 EDT 2010				
Device:	Blackberry_9700				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 14:04:20 EDT 2010 Acquisition finished: Wed Jun 2 14:05:29 EDT 2010 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.39 SPT-04 (Blackberry 9700)

Test Case SPT-04 XRY/XACT Version 5.0.2					
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 2 14:05:59 EDT 2010				
Device:	Blackberry_9700				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 14:05:59 EDT 2010 Acquisition finished: Wed Jun 2 14:22:42 EDT 2010 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.40 SPT-05 (Blackberry 9700)

Test Case SPT-05 XRY/XACT Version 5.0.2							
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).						
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Wed Jun 2 14:23:08 EDT 2010						
Device:	Blackberry_9700						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 14:23:08 EDT 2010 Acquisition finished: Wed Jun 2 14:26:36 EDT 2010 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected						
SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected						
Analysis:	Expected results achieved						

5.2.41 SPT-06 (Blackberry 9700)

Test Case SPT-06 XRY/XACT Version 5.0.2																			
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.																		
Assertions:	<p>SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.</p> <p>SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.</p> <p>SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.</p> <p>SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.</p> <p>SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.</p> <p>SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.</p>																		
Tester Name:	rpa																		
Test Host:	Morrisy																		
Test Date:	Wed Jun 2 14:27:22 EDT 2010																		
Device:	Blackberry_bold9700																		
Source Setup:	OS: WIN XP Interface: cable																		
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Wed Jun 2 14:27:22 EDT 2010</p> <p>Acquisition finished: Wed Jun 2 14:35:53 EDT 2010</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Expected results achieved																		

5.2.42 SPT-07 (Blackberry 9700)

Test Case SPT-07 XRY/XACT Version 5.0.2							
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.						
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Wed Jun 2 14:39:24 EDT 2010						
Device:	Blackberry_9700						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 2 14:39:24 EDT 2010 Acquisition finished: Wed Jun 2 14:42:05 EDT 2010 Incoming Calls were not acquired Outgoing Calls were not acquired Missed Calls were not acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td> <td>Not as expected</td> </tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-15 Acquisition of call logs.	Not as expected	SPT-CA-16 Acquisition of call log date/time stamps.	NA
Assertion & Expected Result	Actual Result						
SPT-CA-15 Acquisition of call logs.	Not as expected						
SPT-CA-16 Acquisition of call log date/time stamps.	NA						
Analysis:	Expected results Not achieved						

5.2.43 SPT-08 (Blackberry 9700)

Test Case SPT-08 XRY/XACT Version 5.0.2											
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.										
Assertions:	<p>SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.</p> <p>SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.</p> <p>SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.</p> <p>SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Thu Jun 3 08:01:36 EDT 2010										
Device:	Blackberry_9700										
Source Setup:	OS: WIN XP Interface: cable										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Thu Jun 3 08:01:36 EDT 2010 Acquisition finished: Thu Jun 3 08:08:32 EDT 2010</p> <p>ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

5.2.44 SPT-09 (Blackberry 9700)

Test Case SPT-09 XRY/XACT Version 5.0.2									
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).								
Assertions:	<p>SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.</p> <p>SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.</p> <p>SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Thu Jun 3 08:54:22 EDT 2010								
Device:	Blackberry_9700								
Source Setup:	OS: WIN XP Interface: cable								
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Thu Jun 3 08:54:22 EDT 2010</p> <p>Acquisition finished: Thu Jun 3 09:00:13 EDT 2010</p> <p>Partial audio MMS messages were acquired</p> <p>Partial image MMS messages were acquired</p> <p>Partial video MMS messages were acquired</p> <p>Notes:</p> <p>MMS message (i.e., textual content) data was not reported.</p> <p>Graphic files embedded in MMS messages were not reported.</p> <p>Video files embedded in MMS messages produce the following error: Error-36: an I/O error occurred (-1-0-01000045.mms\)</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td> <td>Partially as expected</td> </tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td> <td>Not as expected</td> </tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-21 Acquisition of audio MMS messages.	Partially as expected	SPT-CA-22 Acquisition of graphic data image MMS messages.	Not as expected	SPT-CA-23 Acquisition of video MMS messages.	Not as expected
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	Partially as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	Not as expected								
SPT-CA-23 Acquisition of video MMS messages.	Not as expected								
Analysis:	Expected results Not achieved								

5.2.45 SPT-10 (Blackberry 9700)

Test Case SPT-10 XRY/XACT Version 5.0.2									
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).								
Assertions:	<p>SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Thu Jun 3 09:04:07 EDT 2010								
Device:	Blackberry_9700								
Source Setup:	OS: WIN XP Interface: cable								
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Thu Jun 3 09:04:07 EDT 2010</p> <p>Acquisition finished: Thu Jun 3 09:50:20 EDT 2010</p> <p>ALL stand-alone data files (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	as expected								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	as expected								
Analysis:	Expected results achieved								

5.2.46 SPT-11 (Blackberry 9700)

Test Case SPT-11 XRY/XACT Version 5.0.2					
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 Jun 3 09:50:48 EDT 2010				
Device:	Blackberry_9700				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Thu Jun 3 09:50:48 EDT 2010 Acquisition finished: Thu Jun 3 10:00:42 EDT 2010 All application data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-27 Acquisition of application related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-27 Acquisition of application related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-27 Acquisition of application related data.	as expected				
Analysis:	Expected results achieved				

5.2.47 SPT-13 (Blackberry 9700)

Test Case SPT-13 XRY/XACT Version 5.0.2					
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.				
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Thu Jun 3 10:54:30 EDT 2010				
Device:	Blackberry_9700				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Thu Jun 3 10:54:30 EDT 2010 Acquisition finished: Thu Jun 3 13:41:15 EDT 2010 Acquire All acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-29 Acquire-All data objects acquisition.	as expected				
Analysis:	Expected results achieved				

5.2.48 SPT-14 (Blackberry 9700)

Test Case SPT-14 XRY/XACT Version 5.0.2					
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:	Fri Jun 4 09:40:14 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 09:40:14 EDT 2010 Acquisition finished: Fri Jun 4 09:43:44 EDT 2010 Media connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-01 SIM connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.49 SPT-15 (Blackberry 9700)

Test Case SPT-15 XRY/XACT Version 5.0.2					
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:	Fri Jun 4 09:44:20 EDT 2010				
Device:	unsupported_sim				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 09:44:20 EDT 2010 Acquisition finished: Fri Jun 4 09:46:27 EDT 2010 Identification of non-supported media was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-02 Identification of non-supported SIMs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of non-supported SIMs.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-02 Identification of non-supported SIMs.	as expected				
Analysis:	Expected results achieved				

5.2.50 SPT-16 (Blackberry 9700)

Test Case SPT-16 XRY/XACT Version 5.0.2					
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:	Fri Jun 4 09:46:54 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 09:46:54 EDT 2010 Acquisition finished: Fri Jun 4 09:49:15 EDT 2010 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-03 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-03 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.51 SPT-17 (Blackberry 9700)

Test Case SPT-17 XRY/XACT Version 5.0.2											
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:	Fri Jun 4 09:49:41 EDT 2010										
Device:	ATT_SIM										
Source Setup:	OS: WIN XP Interface: USB										
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 09:49:41 EDT 2010 Acquisition finished: Fri Jun 4 09:54:56 EDT 2010 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-04 Acquisition of SPN.	as expected	SPT-AO-05 Acquisition of ICCID.	as expected	SPT-AO-06 Acquisition of IMSI.	as expected	SPT-AO-07 Acquisition of MSISDN.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-04 Acquisition of SPN.	as expected										
SPT-AO-05 Acquisition of ICCID.	as expected										
SPT-AO-06 Acquisition of IMSI.	as expected										
SPT-AO-07 Acquisition of MSISDN.	as expected										
Analysis:	Expected results achieved										

5.2.52 SPT-18 (Blackberry 9700)

Test Case SPT-18 XRY/XACT Version 5.0.2											
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).										
Assertions:	<p>SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.</p> <p>SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.</p> <p>SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.</p> <p>SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Fri Jun 4 09:55:27 EDT 2010										
Device:	ATT_SIM										
Source Setup:	OS: WIN XP Interface: USB										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Fri Jun 4 09:55:27 EDT 2010</p> <p>Acquisition finished: Fri Jun 4 10:01:29 EDT 2010</p> <p>All ADNs were acquired</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-08 Acquisition of ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-09 Acquisition of maximum length ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-10 Acquisition of special character ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-11 Acquisition of blank name ADNs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-08 Acquisition of ADNs.	as expected	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	SPT-AO-10 Acquisition of special character ADNs.	as expected	SPT-AO-11 Acquisition of blank name ADNs.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-08 Acquisition of ADNs.	as expected										
SPT-AO-09 Acquisition of maximum length ADNs.	as expected										
SPT-AO-10 Acquisition of special character ADNs.	as expected										
SPT-AO-11 Acquisition of blank name ADNs.	as expected										
Analysis:	Expected results achieved										

5.2.53 SPT-19 (Blackberry 9700)

Test Case SPT-19 XRY/XACT Version 5.0.2							
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).						
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Fri Jun 4 10:01:53 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 10:01:53 EDT 2010 Acquisition finished: Fri Jun 4 10:03:53 EDT 2010 LNDs were acquired Date/Time Stamps correctly reported for LNDs						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-12 Acquisition of LNDs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-13 Acquisition of LND date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-12 Acquisition of LNDs.	as expected	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-12 Acquisition of LNDs.	as expected						
SPT-AO-13 Acquisition of LND date/time stamps.	as expected						
Analysis:	Expected results achieved						

5.2.54 SPT-20 (Blackberry 9700)

Test Case SPT-20 XRY/XACT Version 5.0.2													
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).												
Assertions:	<p>SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.</p> <p>SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.</p> <p>SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.</p> <p>SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.</p> <p>SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</p>												
Tester Name:	rpa												
Test Host:	Morrisy												
Test Date:	Fri Jun 4 10:04:28 EDT 2010												
Device:	ATT_SIM												
Source Setup:	OS: WIN XP Interface: USB												
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Fri Jun 4 10:04:28 EDT 2010</p> <p>Acquisition finished: Fri Jun 4 10:28:35 EDT 2010</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>All date/time stamps were reported for text messages</p> <p>Correct status flags were reported for text messages</p> <p>Sender and Recipient phone numbers associated with text messages were correctly reported</p>												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-14 Acquisition of SMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-15 Acquisition of EMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-16 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-17 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-14 Acquisition of SMS messages.	as expected	SPT-AO-15 Acquisition of EMS messages.	as expected	SPT-AO-16 Acquisition of text message date/time stamps.	as expected	SPT-AO-17 Acquisition of text message status flags.	as expected	SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result												
SPT-AO-14 Acquisition of SMS messages.	as expected												
SPT-AO-15 Acquisition of EMS messages.	as expected												
SPT-AO-16 Acquisition of text message date/time stamps.	as expected												
SPT-AO-17 Acquisition of text message status flags.	as expected												
SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected												
Analysis:	Expected results achieved												

5.2.55 SPT-21 (Blackberry 9700)

Test Case SPT-21 XRY/XACT Version 5.0.2					
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 Jun 4 10:29:02 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 10:29:02 EDT 2010 Acquisition finished: Fri Jun 4 10:41:40 EDT 2010 Deleted text message data was recovered				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected				
Analysis:	Expected results achieved				

5.2.56 SPT-22 (Blackberry 9700)

Test Case SPT-22 XRY/XACT Version 5.0.2							
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).						
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GPRSLOCI) shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Fri Jun 4 12:07:31 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 12:07:31 EDT 2010 Acquisition finished: Fri Jun 4 12:07:39 EDT 2010 LOCI data was acquired GPRSLOCI data was acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-20 Acquisition of LOCI information.	as expected						
SPT-AO-21 Acquisition of GPRSLOCI information.	as expected						
Analysis:	Expected results achieved						

5.2.57 SPT-23 (Blackberry 9700)

Test Case SPT-23 XRY/XACT Version 5.0.2							
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.						
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Fri Jun 4 12:07:58 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 12:07:58 EDT 2010 Acquisition finished: Fri Jun 4 12:08:11 EDT 2010 Acquire All acquisition was successful						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected
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						

5.2.58 SPT-24 (Blackberry 9700)

Test Case SPT-24 XRY/XACT Version 5.0.2					
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 Jun 4 12:26:02 EDT 2010				
Device:	BlackBerry_9700				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 12:26:02 EDT 2010 Acquisition finished: Fri Jun 4 12:28:39 EDT 2010 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.59 SPT-25 (Blackberry 9700)

Test Case SPT-25 XRY/XACT Version 5.0.2					
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 Jun 4 12:29:08 EDT 2010				
Device:	Blackberry_9700				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 12:29:08 EDT 2010 Acquisition finished: Fri Jun 4 12:30:30 EDT 2010 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.60 SPT-26 (Blackberry 9700)

Test Case SPT-26 XRY/XACT Version 5.0.2					
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 Jun 4 12:30:52 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 12:30:52 EDT 2010 Acquisition finished: Fri Jun 4 12:33:09 EDT 2010 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.61 SPT-27 (Blackberry 9700)

Test Case SPT-27 XRY/XACT Version 5.0.2					
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 Jun 4 12:33:30 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 12:33:30 EDT 2010 Acquisition finished: Fri Jun 4 12:35:26 EDT 2010 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.62 SPT-28 (Blackberry 9700)

Test Case SPT-28 XRY/XACT Version 5.0.2					
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 Jun 4 12:35:55 EDT 2010				
Device:	ATT SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 12:35:55 EDT 2010 Acquisition finished: Fri Jun 4 12:37:43 EDT 2010 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-28 Acquisition of password protected SIM.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-28 Acquisition of password protected SIM.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-28 Acquisition of password protected SIM.	as expected				
Analysis:	Expected results achieved				

5.2.63 SPT-29 (Blackberry 9700)

Test Case SPT-29 XRY/XACT Version 5.0.2					
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Jun 4 12:38:50 EDT 2010				
Device:	Blackberry_9700				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 12:38:50 EDT 2010 Acquisition finished: Fri Jun 4 12:40:36 EDT 2010 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.64 SPT-30 (Blackberry 9700)

Test Case SPT-30 XRY/XACT Version 5.0.2					
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Jun 4 12:41:00 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 12:41:00 EDT 2010 Acquisition finished: Fri Jun 4 12:41:58 EDT 2010 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.65 SPT-33 (Blackberry 9700)

Test Case SPT-33 XRY/XACT Version 5.0.2							
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:	Fri Jun 4 14:05:04 EDT 2010						
Device:	Blackberry_bold9700						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 14:05:04 EDT 2010 Acquisition finished: Fri Jun 4 14:08:46 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

5.2.66 SPT-34 (Blackberry 9700)

Test Case SPT-34 XRY/XACT Version 5.0.2							
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 Jun 4 14:09:20 EDT 2010						
Device:	ATT SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 14:09:20 EDT 2010 Acquisition finished: Fri Jun 4 14:10:53 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

5.2.67 SPT-35 (Blackberry 9700)

Test Case SPT-35 XRY/XACT Version 5.0.2					
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 Jun 4 14:11:20 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 14:11:20 EDT 2010 Acquisition finished: Fri Jun 4 14:15:37 EDT 2010 The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-29 Display remaining number of PIN attempts.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-29 Display remaining number of PIN attempts.	as expected				
Analysis:	Expected results achieved				

5.2.68 SPT-36 (Blackberry 9700)

Test Case SPT-36 XRY/XACT Version 5.0.2					
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 Jun 4 14:15:59 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 14:15:59 EDT 2010 Acquisition finished: Fri Jun 4 14:16:37 EDT 2010 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-30 Display remaining number of PUK attempts.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-30 Display remaining number of PUK attempts.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-30 Display remaining number of PUK attempts.	as expected				
Analysis:	Expected results achieved				

5.2.69 SPT-38 (Blackberry 9700)

Test Case SPT-38 XRY/XACT Version 5.0.2					
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 Jun 4 14:17:27 EDT 2010				
Device:	Blackberry_9700				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 4 14:17:27 EDT 2010 Acquisition finished: Fri Jun 4 14:20:16 EDT 2010 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

5.2.70 SPT-01 (Nokia e71x)

Test Case SPT-01 XRY/XACT Version 5.0.2											
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).										
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Fri Jun 11 08:10:12 EDT 2010										
Device:	Nokia_e71x										
Source Setup:	OS: WIN XP Interface: bluetooth										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Fri Jun 11 08:10:12 EDT 2010</p> <p>Acquisition finished: Fri Jun 11 08:45:54 EDT 2010</p> <p>Device connectivity was established via supported interface</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-01 Device connectivity via supported interfaces.	as expected										
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected										
SPT-CA-29 Acquire-All data objects acquisition.	as expected										
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

5.2.71 SPT-02 (Nokia e71x)

Test Case SPT-02 XRY/XACT Version 5.0.2					
Case Summary:	SPT-02 Attempt internal memory acquisition of a non-supported mobile device.				
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Jun 11 08:46:34 EDT 2010				
Device:	unsupported_device				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 08:46:34 EDT 2010 Acquisition finished: Fri Jun 11 08:53:24 EDT 2010 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.72 SPT-03 (Nokia e71x)

Test Case SPT-03 XRY/XACT Version 5.0.2					
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Jun 11 09:06:50 EDT 2010				
Device:	Nokia_e71x				
Source Setup:	OS: WIN XP Interface: bluetooth				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 09:06:50 EDT 2010 Acquisition finished: Fri Jun 11 09:07:39 EDT 2010 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.73 SPT-04 (Nokia e71x)

Test Case SPT-04 XRY/XACT Version 5.0.2					
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Jun 11 09:08:14 EDT 2010				
Device:	Nokia_e71x				
Source Setup:	OS: WIN XP Interface: bluetooth				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 09:08:14 EDT 2010 Acquisition finished: Fri Jun 11 09:12:18 EDT 2010 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.74 SPT-05 (Nokia e71x)

Test Case SPT-05 XRY/XACT Version 5.0.2							
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).						
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Fri Jun 11 09:19:09 EDT 2010						
Device:	Nokia_e71x						
Source Setup:	OS: WIN XP Interface: bluetooth						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 09:19:09 EDT 2010 Acquisition finished: Fri Jun 11 09:22:20 EDT 2010 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected						
SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected						
Analysis:	Expected results achieved						

5.2.75 SPT-06 (Nokia e71x)

Test Case SPT-06 XRY/XACT Version 5.0.2																			
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.																		
Assertions:	<p>SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.</p> <p>SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.</p> <p>SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.</p> <p>SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.</p> <p>SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.</p> <p>SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.</p>																		
Tester Name:	rpa																		
Test Host:	Morrisy																		
Test Date:	Fri Jun 11 09:23:02 EDT 2010																		
Device:	Nokia_e71x																		
Source Setup:	OS: WIN XP Interface: bluetooth																		
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Fri Jun 11 09:23:02 EDT 2010</p> <p>Acquisition finished: Fri Jun 11 09:34:07 EDT 2010</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Expected results achieved																		

5.2.76 SPT-07 (Nokia e71x)

Test Case SPT-07 XRY/XACT Version 5.0.2							
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.						
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Fri Jun 11 09:35:18 EDT 2010						
Device:	Nokia_e71x						
Source Setup:	OS: WIN XP Interface: bluetooth						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 09:35:18 EDT 2010 Acquisition finished: Fri Jun 11 10:17:09 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-15 Acquisition of call logs.	as expected	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-15 Acquisition of call logs.	as expected						
SPT-CA-16 Acquisition of call log date/time stamps.	as expected						
Analysis:	Expected results achieved						

5.2.77 SPT-08 (Nokia e71x)

Test Case SPT-08 XRY/XACT Version 5.0.2											
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.										
Assertions:	<p>SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.</p> <p>SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.</p> <p>SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.</p> <p>SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Fri Jun 11 10:17:45 EDT 2010										
Device:	Nokia_e71x										
Source Setup:	OS: WIN XP Interface: bluetooth										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 10:17:45 EDT 2010 Acquisition finished: Fri Jun 11 10:27:13 EDT 2010</p> <p>ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

5.2.78 SPT-09 (Nokia e71x)

Test Case SPT-09 XRY/XACT Version 5.0.2									
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).								
Assertions:	<p>SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.</p> <p>SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.</p> <p>SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Fri Jun 11 10:38:45 EDT 2010								
Device:	Nokia_e71x								
Source Setup:	OS: WIN XP Interface: bluetooth								
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Fri Jun 11 10:38:45 EDT 2010</p> <p>Acquisition finished: Fri Jun 11 10:42:54 EDT 2010</p> <p>ALL MMS messages (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-21 Acquisition of audio MMS messages.	as expected	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected	SPT-CA-23 Acquisition of video MMS messages.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected								
SPT-CA-23 Acquisition of video MMS messages.	as expected								
Analysis:	Expected results achieved								

5.2.79 SPT-10 (Nokia e71x)

Test Case SPT-10 XRY/XACT Version 5.0.2									
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).								
Assertions:	<p>SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Fri Jun 11 10:44:58 EDT 2010								
Device:	Nokia_e71x								
Source Setup:	OS: WIN XP Interface: bluetooth								
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Fri Jun 11 10:44:58 EDT 2010</p> <p>Acquisition finished: Fri Jun 11 10:46:30 EDT 2010</p> <p>ALL stand-alone data files (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	as expected								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	as expected								
Analysis:	Expected results achieved								

5.2.80 SPT-11 (Nokia e71x)

Test Case SPT-11 XRY/XACT Version 5.0.2					
Case Summary:	SPT-11 Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).				
Assertions:	SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Jun 11 12:15:43 EDT 2010				
Device:	Nokia_e71x				
Source Setup:	OS: WIN XP Interface: bluetooth				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 12:15:43 EDT 2010 Acquisition finished: Fri Jun 11 12:17:41 EDT 2010 All application data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-27 Acquisition of application related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-27 Acquisition of application related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-27 Acquisition of application related data.	as expected				
Analysis:	Expected results achieved				

5.2.81 SPT-13 (Nokia e71x)

Test Case SPT-13 XRY/XACT Version 5.0.2					
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.				
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Jun 11 12:18:54 EDT 2010				
Device:	Nokia_e71x				
Source Setup:	OS: WIN XP Interface: bluetooth				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 12:18:54 EDT 2010 Acquisition finished: Fri Jun 11 12:26:39 EDT 2010 Acquire All acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-29 Acquire-All data objects acquisition.	as expected				
Analysis:	Expected results achieved				

5.2.82 SPT-14 (Nokia e71x)

Test Case SPT-14 XRY/XACT Version 5.0.2					
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:	Fri Jun 11 12:38:33 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 12:38:33 EDT 2010 Acquisition finished: Fri Jun 11 12:41:43 EDT 2010 Media connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-01 SIM connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.83 SPT-15 (Nokia e71x)

Test Case SPT-15 XRY/XACT Version 5.0.2					
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:	Fri Jun 11 12:42:08 EDT 2010				
Device:	Unsupported_sim				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 12:42:08 EDT 2010 Acquisition finished: Fri Jun 11 12:50:02 EDT 2010 Identification of non-supported media was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-02 Identification of non-supported SIMs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of non-supported SIMs.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-02 Identification of non-supported SIMs.	as expected				
Analysis:	Expected results achieved				

5.2.84 SPT-16 (Nokia e71x)

Test Case SPT-16 XRY/XACT Version 5.0.2					
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:	Fri Jun 11 12:50:21 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 12:50:21 EDT 2010 Acquisition finished: Fri Jun 11 12:58:46 EDT 2010 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-03 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-03 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.85 SPT-17 (Nokia e71x)

Test Case SPT-17 XRY/XACT Version 5.0.2											
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:	Fri Jun 11 12:59:02 EDT 2010										
Device:	ATT_SIM										
Source Setup:	OS: WIN XP Interface: USB										
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 12:59:02 EDT 2010 Acquisition finished: Fri Jun 11 13:12:10 EDT 2010 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-04 Acquisition of SPN.	as expected	SPT-AO-05 Acquisition of ICCID.	as expected	SPT-AO-06 Acquisition of IMSI.	as expected	SPT-AO-07 Acquisition of MSISDN.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-04 Acquisition of SPN.	as expected										
SPT-AO-05 Acquisition of ICCID.	as expected										
SPT-AO-06 Acquisition of IMSI.	as expected										
SPT-AO-07 Acquisition of MSISDN.	as expected										
Analysis:	Expected results achieved										

5.2.86 SPT-18 (Nokia e71x)

Test Case SPT-18 XRY/XACT Version 5.0.2											
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).										
Assertions:	<p>SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.</p> <p>SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.</p> <p>SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.</p> <p>SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Fri Jun 11 13:13:36 EDT 2010										
Device:	ATT_SIM										
Source Setup:	OS: WIN XP Interface: USB										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Fri Jun 11 13:13:36 EDT 2010</p> <p>Acquisition finished: Fri Jun 11 13:19:47 EDT 2010</p> <p>All ADNs were acquired</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-08 Acquisition of ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-09 Acquisition of maximum length ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-10 Acquisition of special character ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-11 Acquisition of blank name ADNs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-08 Acquisition of ADNs.	as expected	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	SPT-AO-10 Acquisition of special character ADNs.	as expected	SPT-AO-11 Acquisition of blank name ADNs.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-08 Acquisition of ADNs.	as expected										
SPT-AO-09 Acquisition of maximum length ADNs.	as expected										
SPT-AO-10 Acquisition of special character ADNs.	as expected										
SPT-AO-11 Acquisition of blank name ADNs.	as expected										
Analysis:	Expected results achieved										

5.2.87 SPT-19 (Nokia e71x)

Test Case SPT-19 XRY/XACT Version 5.0.2							
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).						
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Fri Jun 11 13:20:06 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 13:20:06 EDT 2010 Acquisition finished: Fri Jun 11 13:25:40 EDT 2010 LNDs were acquired Date/Time Stamps correctly reported for LNDs						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-12 Acquisition of LNDs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-13 Acquisition of LND date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-12 Acquisition of LNDs.	as expected	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-12 Acquisition of LNDs.	as expected						
SPT-AO-13 Acquisition of LND date/time stamps.	as expected						
Analysis:	Expected results achieved						

5.2.88 SPT-20 (Nokia e71x)

Test Case SPT-20 XRY/XACT Version 5.0.2													
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).												
Assertions:	<p>SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.</p> <p>SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.</p> <p>SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.</p> <p>SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.</p> <p>SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</p>												
Tester Name:	rpa												
Test Host:	Morrisy												
Test Date:	Fri Jun 11 13:26:07 EDT 2010												
Device:	ATT_SIM												
Source Setup:	OS: WIN XP Interface: USB												
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Fri Jun 11 13:26:07 EDT 2010</p> <p>Acquisition finished: Fri Jun 11 13:43:23 EDT 2010</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>All date/time stamps were reported for text messages</p> <p>Correct status flags were reported for text messages</p> <p>Sender and Recipient phone numbers associated with text messages were correctly reported</p>												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-14 Acquisition of SMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-15 Acquisition of EMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-16 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-17 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-14 Acquisition of SMS messages.	as expected	SPT-AO-15 Acquisition of EMS messages.	as expected	SPT-AO-16 Acquisition of text message date/time stamps.	as expected	SPT-AO-17 Acquisition of text message status flags.	as expected	SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result												
SPT-AO-14 Acquisition of SMS messages.	as expected												
SPT-AO-15 Acquisition of EMS messages.	as expected												
SPT-AO-16 Acquisition of text message date/time stamps.	as expected												
SPT-AO-17 Acquisition of text message status flags.	as expected												
SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.	as expected												
Analysis:	Expected results achieved												

5.2.89 SPT-21 (Nokia e71x)

Test Case SPT-21 XRY/XACT Version 5.0.2					
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 Jun 11 13:44:05 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 13:44:05 EDT 2010 Acquisition finished: Fri Jun 11 13:47:14 EDT 2010 Deleted text message data was recovered				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected				
Analysis:	Expected results achieved				

5.2.90 SPT-22 (Nokia e71x)

Test Case SPT-22 XRY/XACT Version 5.0.2							
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).						
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GPRSLOCI) shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Fri Jun 11 13:47:39 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 13:47:39 EDT 2010 Acquisition finished: Fri Jun 11 13:57:07 EDT 2010 LOCI data was acquired GPRSLOCI data was acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-20 Acquisition of LOCI information.	as expected						
SPT-AO-21 Acquisition of GPRSLOCI information.	as expected						
Analysis:	Expected results achieved						

5.2.91 SPT-23 (Nokia e71x)

Test Case SPT-23 XRY/XACT Version 5.0.2							
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.						
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Fri Jun 11 13:57:26 EDT 2010						
Device:	ATT_SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 13:57:26 EDT 2010 Acquisition finished: Fri Jun 11 13:57:33 EDT 2010 Acquire All acquisition was successful						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected
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						

5.2.92 SPT-24 (Nokia e71x)

Test Case SPT-24 XRY/XACT Version 5.0.2					
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 Jun 11 13:58:07 EDT 2010				
Device:	Nokia_e71x				
Source Setup:	OS: WIN XP Interface: bluetooth				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 13:58:07 EDT 2010 Acquisition finished: Fri Jun 11 14:00:25 EDT 2010 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.93 SPT-25 (Nokia e71x)

Test Case SPT-25 XRY/XACT Version 5.0.2					
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 Jun 11 14:00:50 EDT 2010				
Device:	Nokia_e71x				
Source Setup:	OS: WIN XP Interface: bluetooth				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:00:50 EDT 2010 Acquisition finished: Fri Jun 11 14:04:12 EDT 2010 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.94 SPT-26 (Nokia e71x)

Test Case SPT-26 XRY/XACT Version 5.0.2					
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 Jun 11 14:04:29 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:04:29 EDT 2010 Acquisition finished: Fri Jun 11 14:08:03 EDT 2010 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.95 SPT-27 (Nokia e71x)

Test Case SPT-27 XRY/XACT Version 5.0.2					
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 Jun 11 14:08:27 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:08:27 EDT 2010 Acquisition finished: Fri Jun 11 14:21:15 EDT 2010 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.96 SPT-28 (Nokia e71x)

Test Case SPT-28 XRY/XACT Version 5.0.2					
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 Jun 11 14:22:54 EDT 2010				
Device:	ATT SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:22:54 EDT 2010 Acquisition finished: Fri Jun 11 14:31:23 EDT 2010 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-28 Acquisition of password protected SIM.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-28 Acquisition of password protected SIM.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-28 Acquisition of password protected SIM.	as expected				
Analysis:	Expected results achieved				

5.2.97 SPT-29 (Nokia e71x)

Test Case SPT-29 XRY/XACT Version 5.0.2					
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Jun 11 14:32:05 EDT 2010				
Device:	Nokia_e71x				
Source Setup:	OS: WIN XP Interface: bluetooth				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:32:05 EDT 2010 Acquisition finished: Fri Jun 11 14:35:26 EDT 2010 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.98 SPT-30 (Nokia e71x)

Test Case SPT-30 XRY/XACT Version 5.0.2					
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Fri Jun 11 14:36:24 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:36:24 EDT 2010 Acquisition finished: Fri Jun 11 14:38:24 EDT 2010 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.99 SPT-33 (Nokia e71x)

Test Case SPT-33 XRY/XACT Version 5.0.2							
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:	Fri Jun 11 14:39:01 EDT 2010						
Device:	Nokia_e71x						
Source Setup:	OS: WIN XP Interface: bluetooth						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:39:01 EDT 2010 Acquisition finished: Fri Jun 11 14:42:35 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

5.2.100 SPT-34 (Nokia e71x)

Test Case SPT-34 XRY/XACT Version 5.0.2							
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 Jun 11 14:42:59 EDT 2010						
Device:	ATT SIM						
Source Setup:	OS: WIN XP Interface: USB						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:42:59 EDT 2010 Acquisition finished: Fri Jun 11 14:44:27 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

5.2.101 SPT-35 (Nokia e71x)

Test Case SPT-35 XRY/XACT Version 5.0.2					
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 Jun 11 14:46:02 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:46:02 EDT 2010 Acquisition finished: Fri Jun 11 14:47:13 EDT 2010 The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-29 Display remaining number of PIN attempts.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-29 Display remaining number of PIN attempts.	as expected				
Analysis:	Expected results achieved				

5.2.102 SPT-36 (Nokia e71x)

Test Case SPT-36 XRY/XACT Version 5.0.2					
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 Jun 11 14:47:41 EDT 2010				
Device:	ATT_SIM				
Source Setup:	OS: WIN XP Interface: USB				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:47:41 EDT 2010 Acquisition finished: Fri Jun 11 14:49:35 EDT 2010 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-30 Display remaining number of PUK attempts.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-30 Display remaining number of PUK attempts.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-30 Display remaining number of PUK attempts.	as expected				
Analysis:	Expected results achieved				

5.2.103 SPT-38 (Nokia e71x)

Test Case SPT-38 XRY/XACT Version 5.0.2					
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 Jun 11 14:50:28 EDT 2010				
Device:	Nokia_e71x				
Source Setup:	OS: WIN XP Interface: bluetooth				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Fri Jun 11 14:50:28 EDT 2010 Acquisition finished: Fri Jun 11 14:53:19 EDT 2010 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

5.2.104 SPT-01 (HTC Touch Pro 2)

Test Case SPT-01 XRY/XACT Version 5.0.2											
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).										
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Wed Jun 16 07:23:12 EDT 2010										
Device:	HTC_Touch_Pro2										
Source Setup:	OS: WIN XP Interface: cable										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Wed Jun 16 07:23:12 EDT 2010</p> <p>Acquisition finished: Wed Jun 16 07:28:42 EDT 2010</p> <p>Device connectivity was established via supported interface</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-01 Device connectivity via supported interfaces.	as expected										
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected										
SPT-CA-29 Acquire-All data objects acquisition.	as expected										
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

5.2.105 SPT-02 (HTC Touch Pro 2)

Test Case SPT-02 XRY/XACT Version 5.0.2					
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:	Wed Jun 16 07:29:20 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 07:29:20 EDT 2010 Acquisition finished: Wed Jun 16 07:31:26 EDT 2010 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.106 SPT-03 (HTC Touch Pro 2)

Test Case SPT-03 XRY/XACT Version 5.0.2					
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 16 07:32:13 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 07:32:13 EDT 2010 Acquisition finished: Wed Jun 16 07:37:22 EDT 2010 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.107 SPT-04 (HTC Touch Pro 2)

Test Case SPT-04 XRY/XACT Version 5.0.2					
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 16 07:53:30 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 07:53:30 EDT 2010 Acquisition finished: Wed Jun 16 08:00:21 EDT 2010 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.108 SPT-05 (HTC Touch Pro 2)

Test Case SPT-05 XRY/XACT Version 5.0.2							
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).						
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Wed Jun 16 08:00:46 EDT 2010						
Device:	HTC_Touch_Pro2						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 08:00:46 EDT 2010 Acquisition finished: Wed Jun 16 08:02:36 EDT 2010 IMEI, MEID/ESN were acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected						
SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected						
Analysis:	Expected results achieved						

5.2.109 SPT-06 (HTC Touch Pro 2)

Test Case SPT-06 XRY/XACT Version 5.0.2																			
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.																		
Assertions:	<p>SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.</p> <p>SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.</p> <p>SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.</p> <p>SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.</p> <p>SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.</p> <p>SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.</p>																		
Tester Name:	rpa																		
Test Host:	Morrisy																		
Test Date:	Wed Jun 16 08:06:04 EDT 2010																		
Device:	HTC_Touch_Pro2																		
Source Setup:	OS: WIN XP Interface: cable																		
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Wed Jun 16 08:06:04 EDT 2010</p> <p>Acquisition finished: Wed Jun 16 08:13:12 EDT 2010</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Expected results achieved																		

5.2.110 SPT-07 (HTC Touch Pro 2)

Test Case SPT-07 XRY/XACT Version 5.0.2							
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.						
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Wed Jun 16 08:15:19 EDT 2010						
Device:	HTC_Touch_Pro2						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 08:15:19 EDT 2010 Acquisition finished: Wed Jun 16 08:18:58 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-15 Acquisition of call logs.	as expected	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-15 Acquisition of call logs.	as expected						
SPT-CA-16 Acquisition of call log date/time stamps.	as expected						
Analysis:	Expected results achieved						

5.2.111 SPT-08 (HTC Touch Pro 2)

Test Case SPT-08 XRY/XACT Version 5.0.2											
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.										
Assertions:	<p>SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.</p> <p>SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.</p> <p>SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.</p> <p>SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Wed Jun 16 08:35:15 EDT 2010										
Device:	HTC_Touch_Pro2										
Source Setup:	OS: WIN XP Interface: cable										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Wed Jun 16 08:35:15 EDT 2010</p> <p>Acquisition finished: Wed Jun 16 08:40:46 EDT 2010</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>Correct date/time stamps were reported for all text messages</p> <p>Correct status flags were reported for all text messages</p> <p>Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

5.2.112 SPT-09 (HTC Touch Pro 2)

Test Case SPT-09 XRY/XACT Version 5.0.2									
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).								
Assertions:	<p>SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.</p> <p>SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.</p> <p>SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Wed Jun 16 08:42:20 EDT 2010								
Device:	HTC_Touch_Pro2								
Source Setup:	OS: WIN XP Interface: cable								
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Wed Jun 16 08:42:20 EDT 2010</p> <p>Acquisition finished: Wed Jun 16 08:51:03 EDT 2010</p> <p>ALL MMS messages (Audio, Image, Video) were acquired</p> <p>Notes: A physical acquisition had to be performed in order to retrieve the textual portion of MMS messages.</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-21 Acquisition of audio MMS messages.	as expected	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected	SPT-CA-23 Acquisition of video MMS messages.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected								
SPT-CA-23 Acquisition of video MMS messages.	as expected								
Analysis:	Expected results achieved								

5.2.113 SPT-10 (HTC Touch Pro 2)

Test Case SPT-10 XRY/XACT Version 5.0.2									
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).								
Assertions:	<p>SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Wed Jun 16 09:08:03 EDT 2010								
Device:	HTC_Touch_Pro2								
Source Setup:	OS: WIN XP Interface: cable								
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Wed Jun 16 09:08:03 EDT 2010</p> <p>Acquisition finished: Wed Jun 16 09:09:40 EDT 2010</p> <p>ALL stand-alone data files (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	as expected								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	as expected								
Analysis:	Expected results achieved								

5.2.114 SPT-11 (HTC Touch Pro 2)

Test Case SPT-11 XRY/XACT Version 5.0.2					
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:	Wed Jun 16 09:10:20 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 09:10:20 EDT 2010 Acquisition finished: Wed Jun 16 09:13:59 EDT 2010 All application data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-27 Acquisition of application related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-27 Acquisition of application related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-27 Acquisition of application related data.	as expected				
Analysis:	Expected results achieved				

5.2.115 SPT-12 (HTC Touch Pro 2)

Test Case SPT-12 XRY/XACT Version 5.0.2					
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites).				
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 16 09:15:31 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 09:15:31 EDT 2010 Acquisition finished: Wed Jun 16 09:19:04 EDT 2010 All Internet related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-28 Acquisition of Internet related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-28 Acquisition of Internet related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-28 Acquisition of Internet related data.	as expected				
Analysis:	Expected results achieved				

5.2.116 SPT-13 (HTC Touch Pro 2)

Test Case SPT-13 XRY/XACT Version 5.0.2					
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.				
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 16 09:19:31 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 09:19:31 EDT 2010 Acquisition finished: Wed Jun 16 09:28:38 EDT 2010 Acquire All acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-29 Acquire-All data objects acquisition.	as expected				
Analysis:	Expected results achieved				

5.2.117 SPT-24 (HTC Touch Pro 2)

Test Case SPT-24 XRY/XACT Version 5.0.2					
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 Jun 16 09:39:04 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 09:39:04 EDT 2010 Acquisition finished: Wed Jun 16 09:41:52 EDT 2010 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.118 SPT-25 (HTC Touch Pro 2)

Test Case SPT-25 XRY/XACT Version 5.0.2					
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 Jun 16 09:42:14 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 09:42:14 EDT 2010 Acquisition finished: Wed Jun 16 09:45:47 EDT 2010 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.119 SPT-29 (HTC Touch Pro 2)

Test Case SPT-29 XRY/XACT Version 5.0.2					
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 16 09:46:18 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 09:46:18 EDT 2010 Acquisition finished: Wed Jun 16 09:49:53 EDT 2010 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.120 SPT-31 (HTC Touch Pro 2)

Test Case SPT-31 XRY/XACT Version 5.0.2					
Case Summary:	SPT-31 Perform a physical acquisition and review data output for readability.				
Assertions:	SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Jun 16 10:00:33 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 10:00:33 EDT 2010 Acquisition finished: Wed Jun 16 10:05:58 EDT 2010 Physical Acquisition: readability and completeness was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-31 Physical acquisition, data is presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-31 Physical acquisition, data is presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-31 Physical acquisition, data is presented in a useable format.	as expected				
Analysis:	Expected results achieved				

5.2.121 SPT-32 (HTC Touch Pro 2)

Test Case SPT-32 XRY/XACT Version 5.0.2													
Case Summary:	SPT-32 Perform a physical acquisition and review reports for recoverable deleted data.												
Assertions:	<p>SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.</p> <p>SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.</p> <p>SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.</p> <p>SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.</p> <p>SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.</p> <p>SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.</p> <p>SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.</p> <p>SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.</p>												
Tester Name:	rpa												
Test Host:	Morrisy												
Test Date:	Wed Jun 16 10:06:22 EDT 2010												
Device:	HTC_Touch_Pro2												
Source Setup:	OS: WIN XP Interface: cable												
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 10:06:22 EDT 2010 Acquisition finished: Wed Jun 16 10:12:30 EDT 2010</p> <p>Deleted address book entries were not recovered - NA Deleted PIM data was not recovered - NA Deleted Call log data was not recovered - NA Deleted text message data was not recovered Deleted audio data was recovered Deleted graphic data was recovered Deleted video data was recovered</p>												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-32 Physical acquisition, recovery of deleted address book entries.</td> <td>NA</td> </tr> <tr> <td>SPT-AO-33 Physical acquisition, recovery of deleted PIM data.</td> <td>NA</td> </tr> <tr> <td>SPT-AO-34 Physical acquisition, recovery of deleted call logs.</td> <td>NA</td> </tr> <tr> <td>SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.</td> <td>Not as expected</td> </tr> <tr> <td>SPT-AO-36 Physical acquisition, recovery of deleted EMS</td> <td>Not as</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	NA	SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	NA	SPT-AO-34 Physical acquisition, recovery of deleted call logs.	NA	SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	Not as expected	SPT-AO-36 Physical acquisition, recovery of deleted EMS	Not as
Assertion & Expected Result	Actual Result												
SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	NA												
SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	NA												
SPT-AO-34 Physical acquisition, recovery of deleted call logs.	NA												
SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	Not as expected												
SPT-AO-36 Physical acquisition, recovery of deleted EMS	Not as												

Test Case SPT-32 XRY/XACT Version 5.0.2		
	messages.	expected
	SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.	as expected
	SPT-AO-38 Physical acquisition, recovery of deleted graphic files.	as expected
	SPT-AO-39 Physical acquisition, recovery of deleted video files.	as expected
Analysis:	Partial results achieved	

5.2.122 SPT-33 (HTC Touch Pro 2)

Test Case SPT-33 XRY/XACT Version 5.0.2							
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.						
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Wed Jun 16 10:21:22 EDT 2010						
Device:	HTC_Touch_Pro2						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 10:21:22 EDT 2010 Acquisition finished: Wed Jun 16 10:25:18 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

5.2.123 SPT-38 (HTC Touch Pro 2)

Test Case SPT-38 XRY/XACT Version 5.0.2					
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 Jun 16 10:26:16 EDT 2010				
Device:	HTC_Touch_Pro2				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Wed Jun 16 10:26:16 EDT 2010 Acquisition finished: Wed Jun 16 10:28:30 EDT 2010 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

5.2.124 SPT-01 (Blackberry 9630)

Test Case SPT-01 XRY/XACT Version 5.0.2											
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).										
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Mon Jun 21 09:41:51 EDT 2010										
Device:	Blackberry_9630										
Source Setup:	OS: WIN XP Interface: cable										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Mon Jun 21 09:41:51 EDT 2010</p> <p>Acquisition finished: Mon Jun 21 09:45:33 EDT 2010</p> <p>Device connectivity was established via supported interface</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-01 Device connectivity via supported interfaces.	as expected										
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected										
SPT-CA-29 Acquire-All data objects acquisition.	as expected										
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

5.2.125 SPT-02 (Blackberry 9630)

Test Case SPT-02 XRY/XACT Version 5.0.2					
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 Jun 21 09:46:04 EDT 2010				
Device:	unsupported_device				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Mon Jun 21 09:46:04 EDT 2010 Acquisition finished: Mon Jun 21 09:53:00 EDT 2010 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.126 SPT-03 (Blackberry 9630)

Test Case SPT-03 XRY/XACT Version 5.0.2					
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 Jun 21 09:53:26 EDT 2010				
Device:	Blackberry_9630				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Mon Jun 21 09:53:26 EDT 2010 Acquisition finished: Mon Jun 21 09:57:19 EDT 2010 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

5.2.127 SPT-04 (Blackberry 9630)

Test Case SPT-04 XRY/XACT Version 5.0.2					
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 Jun 21 10:00:36 EDT 2010				
Device:	Blackberry_9630				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Mon Jun 21 10:00:36 EDT 2010 Acquisition finished: Mon Jun 21 10:03:09 EDT 2010 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

5.2.128 SPT-05 (Blackberry 9630)

Test Case SPT-05 XRY/XACT Version 5.0.2							
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).						
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Mon Jun 21 10:03:38 EDT 2010						
Device:	Blackberry_9630						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Mon Jun 21 10:03:38 EDT 2010 Acquisition finished: Mon Jun 21 10:09:11 EDT 2010 IMEI, MEID/ESN were acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected						
SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected						
Analysis:	Expected results achieved						

5.2.129 SPT-06 (Blackberry 9630)

Test Case SPT-06 XRY/XACT Version 5.0.2																			
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.																		
Assertions:	<p>SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.</p> <p>SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.</p> <p>SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.</p> <p>SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.</p> <p>SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.</p> <p>SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.</p> <p>SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.</p>																		
Tester Name:	rpa																		
Test Host:	Morrisy																		
Test Date:	Mon Jun 21 10:09:45 EDT 2010																		
Device:	Blackberry_9630																		
Source Setup:	OS: WIN XP Interface: cable																		
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Mon Jun 21 10:09:45 EDT 2010</p> <p>Acquisition finished: Mon Jun 21 10:15:27 EDT 2010</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Expected results achieved																		

5.2.130 SPT-07 (Blackberry 9630)

Test Case SPT-07 XRY/XACT Version 5.0.2							
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:	Tue Jun 22 07:56:02 EDT 2010						
Device:	Blackberry_9630						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 22 07:56:02 EDT 2010 Acquisition finished: Tue Jun 22 08:01:37 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-15 Acquisition of call logs.	as expected	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-15 Acquisition of call logs.	as expected						
SPT-CA-16 Acquisition of call log date/time stamps.	as expected						
Analysis:	Expected results achieved						

5.2.131 SPT-08 (Blackberry 9630)

Test Case SPT-08 XRY/XACT Version 5.0.2											
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.										
Assertions:	<p>SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.</p> <p>SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.</p> <p>SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.</p> <p>SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Jun 22 08:02:31 EDT 2010										
Device:	Blackberry_9630										
Source Setup:	OS: WIN XP Interface: cable										
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Tue Jun 22 08:02:31 EDT 2010</p> <p>Acquisition finished: Tue Jun 22 08:10:15 EDT 2010</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>Correct date/time stamps were reported for all text messages</p> <p>Correct status flags were reported for all text messages</p> <p>Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

5.2.132 SPT-09 (Blackberry 9630)

Test Case SPT-09 XRY/XACT Version 5.0.2									
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).								
Assertions:	<p>SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.</p> <p>SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.</p> <p>SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Tue Jun 22 08:15:58 EDT 2010								
Device:	Blackberry_9630								
Source Setup:	OS: WIN XP Interface: cable								
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Tue Jun 22 08:15:58 EDT 2010</p> <p>Acquisition finished: Tue Jun 22 08:21:07 EDT 2010</p> <p>Partial audio MMS messages were acquired</p> <p>Partial image MMS messages were acquired</p> <p>Video MMS messages were not acquired</p> <p>Notes: Associated text data was not reported for MMS messages. Video attachments were not acquired.</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td> <td>Not as expected</td> </tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td> <td>Not as expected</td> </tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-21 Acquisition of audio MMS messages.	Not as expected	SPT-CA-22 Acquisition of graphic data image MMS messages.	Not as expected	SPT-CA-23 Acquisition of video MMS messages.	Not as expected
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	Not as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	Not as expected								
SPT-CA-23 Acquisition of video MMS messages.	Not as expected								
Analysis:	Expected results Not achieved								

5.2.133 SPT-10 (Blackberry 9630)

Test Case SPT-10 XRY/XACT Version 5.0.2									
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).								
Assertions:	<p>SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.</p> <p>SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Tue Jun 22 08:23:33 EDT 2010								
Device:	Blackberry_9630								
Source Setup:	OS: WIN XP Interface: cable								
Log Highlights:	<p>Created by Micro Systemation XRY/XACT Version 5.0.2</p> <p>Acquisition started: Tue Jun 22 08:23:33 EDT 2010</p> <p>Acquisition finished: Tue Jun 22 09:36:41 EDT 2010</p> <p>Audio files were acquired</p> <p>Image files were acquired</p> <p>Video files were not acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	Not as expected
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	as expected								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	Not as expected								
Analysis:	Partial results achieved								

5.2.134 SPT-11 (Blackberry 9630)

Test Case SPT-11 XRY/XACT Version 5.0.2					
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:	Tue Jun 22 09:38:37 EDT 2010				
Device:	Blackberry_9630				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 22 09:38:37 EDT 2010 Acquisition finished: Tue Jun 22 09:50:11 EDT 2010 All application data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-27 Acquisition of application related data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-27 Acquisition of application related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-27 Acquisition of application related data.	as expected				
Analysis:	Expected results achieved				

5.2.135 SPT-13 (Blackberry 9630)

Test Case SPT-13 XRY/XACT Version 5.0.2					
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.				
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 22 09:52:38 EDT 2010				
Device:	Blackberry_9630				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 22 09:52:38 EDT 2010 Acquisition finished: Tue Jun 22 09:54:59 EDT 2010 Acquire All acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-29 Acquire-All data objects acquisition.	as expected				
Analysis:	Expected results achieved				

5.2.136 SPT-24 (Blackberry 9630)

Test Case SPT-24 XRY/XACT Version 5.0.2					
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.				
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 22 09:55:41 EDT 2010				
Device:	Blackberry_9630				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 22 09:55:41 EDT 2010 Acquisition finished: Tue Jun 22 10:01:04 EDT 2010 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.137 SPT-25 (Blackberry 9630)

Test Case SPT-25 XRY/XACT Version 5.0.2					
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.				
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 22 10:01:33 EDT 2010				
Device:	Blackberry_9630				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 22 10:01:33 EDT 2010 Acquisition finished: Tue Jun 22 10:02:52 EDT 2010 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.138 SPT-29 (Blackberry 9630)

Test Case SPT-29 XRY/XACT Version 5.0.2					
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 22 10:03:27 EDT 2010				
Device:	Blackberry_9630				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 22 10:03:27 EDT 2010 Acquisition finished: Tue Jun 22 10:05:54 EDT 2010 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

5.2.139 SPT-33 (Blackberry 9630)

Test Case SPT-33 XRY/XACT Version 5.0.2							
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.						
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jun 22 10:06:51 EDT 2010						
Device:	Blackberry_9630						
Source Setup:	OS: WIN XP Interface: cable						
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 22 10:06:51 EDT 2010 Acquisition finished: Tue Jun 22 10:09:19 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed - NA						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td> <td>as expected</td> </tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	NA
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						

5.2.140 SPT-38 (Blackberry 9630)

Test Case SPT-38 XRY/XACT Version 5.0.2					
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects.				
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 22 10:10:11 EDT 2010				
Device:	Blackberry_9630				
Source Setup:	OS: WIN XP Interface: cable				
Log Highlights:	Created by Micro Systemation XRY/XACT Version 5.0.2 Acquisition started: Tue Jun 22 10:10:11 EDT 2010 Acquisition finished: Tue Jun 22 12:14:29 EDT 2010 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

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.

To find out more about the National Institute of Justice, please visit:

<http://www.ojp.usdoj.gov/nij>

or contact:

National Criminal Justice
Reference Service
P.O. Box 6000
Rockville, MD 20849-6000
800-851-3420
<http://www.ncjrs.gov>