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REPORT

Test Results for Mobile Device Acquisition Tool:
Micro Systemation XRY v6.3.1

NIJ website

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Office of Justice Programs**

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Micro Systemation XRY v6.3.1**



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Acting Director, National Institute of Justice

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Contents

Introduction.....	1
How to Read This Report	1
1 Results Summary	3
2 Test Case Selection	3
3 Results by Test Assertion.....	17
3.1 Device connectivity	59
3.2 Notification of device acquisition disruption.....	59
3.3 Physical Acquisition	60
4 Testing Environment.....	60
4.1 Test computers	60
4.2 Mobile devices	60
4.3 Internal memory data objects.....	61
4.4 Subscriber Identity Module data objects.....	62
5 Test Results.....	62
5.1 Test results report key	63
5.2 Test details	63
5.2.1 SPT-01 (iPhone4 GSM).....	63
5.2.2 SPT-02 (iPhone4 GSM).....	64
5.2.3 SPT-03 (iPhone4 GSM).....	64
5.2.4 SPT-04 (iPhone4 GSM).....	65
5.2.5 SPT-05 (iPhone4 GSM).....	65
5.2.6 SPT-06 (iPhone4 GSM).....	66
5.2.7 SPT-07 (iPhone4 GSM).....	67
5.2.8 SPT-08 (iPhone4 GSM).....	67
5.2.9 SPT-09 (iPhone4 GSM).....	68
5.2.10 SPT-10 (iPhone4 GSM).....	69
5.2.11 SPT-11 (iPhone4 GSM).....	69
5.2.12 SPT-12 (iPhone4 GSM).....	70
5.2.13 SPT-13 (iPhone4 GSM).....	70
5.2.14 SPT-14 (iPhone4 GSM).....	71
5.2.15 SPT-15 (iPhone4 GSM).....	71
5.2.16 SPT-16 (iPhone4 GSM).....	72
5.2.17 SPT-17 (iPhone4 GSM).....	72
5.2.18 SPT-18 (iPhone4 GSM).....	73
5.2.19 SPT-19 (iPhone4 GSM).....	73
5.2.20 SPT-20 (iPhone4 GSM).....	74
5.2.21 SPT-21 (iPhone4 GSM).....	75
5.2.22 SPT-22 (iPhone4 GSM).....	75
5.2.23 SPT-23 (iPhone4 GSM).....	76
5.2.24 SPT-24 (iPhone4 GSM).....	76
5.2.25 SPT-25 (iPhone4 GSM).....	77
5.2.26 SPT-26 (iPhone4 GSM).....	77
5.2.27 SPT-27 (iPhone4 GSM).....	78

5.2.28	SPT-28 (iPhone4 GSM).....	78
5.2.29	SPT-29 (iPhone4 GSM).....	79
5.2.30	SPT-30 (iPhone4 GSM).....	79
5.2.31	SPT-31 (iPhone4 GSM).....	80
5.2.32	SPT-32 (iPhone4 GSM).....	80
5.2.33	SPT-33 (iPhone4 GSM).....	81
5.2.34	SPT-34 (iPhone4 GSM).....	82
5.2.35	SPT-35 (iPhone4 GSM).....	83
5.2.36	SPT-36 (iPhone4 GSM).....	83
5.2.37	SPT-38 (iPhone4 GSM).....	84
5.2.38	SPT-39 (iPhone4 GSM).....	84
5.2.39	SPT-40 (iPhone4 GSM).....	85
5.2.40	SPT-01 (BlackBerry Torch).....	85
5.2.41	SPT-02 (BlackBerry Torch).....	86
5.2.42	SPT-03 (BlackBerry Torch).....	86
5.2.43	SPT-04 (BlackBerry Torch).....	87
5.2.44	SPT-05 (BlackBerry Torch).....	87
5.2.45	SPT-06 (BlackBerry Torch).....	88
5.2.46	SPT-07 (BlackBerry Torch).....	89
5.2.47	SPT-08 (BlackBerry Torch).....	89
5.2.48	SPT-09 (BlackBerry Torch).....	90
5.2.49	SPT-10 (BlackBerry Torch).....	91
5.2.50	SPT-11 (BlackBerry Torch).....	91
5.2.51	SPT-12 (BlackBerry Torch).....	92
5.2.52	SPT-13 (BlackBerry Torch).....	92
5.2.53	SPT-14 (BlackBerry Torch).....	93
5.2.54	SPT-15 (BlackBerry Torch).....	93
5.2.55	SPT-16 (BlackBerry Torch).....	94
5.2.56	SPT-17 (BlackBerry Torch).....	94
5.2.57	SPT-18 (BlackBerry Torch).....	95
5.2.58	SPT-19 (BlackBerry Torch).....	95
5.2.59	SPT-20 (BlackBerry Torch).....	96
5.2.60	SPT-21 (BlackBerry Torch).....	97
5.2.61	SPT-22 (BlackBerry Torch).....	97
5.2.62	SPT-23 (BlackBerry Torch).....	98
5.2.63	SPT-24 (BlackBerry Torch).....	98
5.2.64	SPT-25 (BlackBerry Torch).....	99
5.2.65	SPT-26 (BlackBerry Torch).....	99
5.2.66	SPT-27 (BlackBerry Torch).....	100
5.2.67	SPT-28 (BlackBerry Torch).....	100
5.2.68	SPT-29 (BlackBerry Torch).....	101
5.2.69	SPT-30 (BlackBerry Torch).....	101
5.2.70	SPT-31 (BlackBerry Torch).....	102
5.2.71	SPT-32 (BlackBerry Torch).....	102
5.2.72	SPT-33 (BlackBerry Torch).....	103
5.2.73	SPT-34 (BlackBerry Torch).....	104

5.2.74	SPT-35 (BlackBerry Torch).....	104
5.2.75	SPT-36 (BlackBerry Torch).....	105
5.2.76	SPT-38 (BlackBerry Torch).....	105
5.2.77	SPT-39 (BlackBerry Torch).....	106
5.2.78	SPT-01 (Samsung Focus)	106
5.2.79	SPT-02 (Samsung Focus)	107
5.2.80	SPT-03 (Samsung Focus)	108
5.2.81	SPT-04 (Samsung Focus)	108
5.2.82	SPT-10 (Samsung Focus)	109
5.2.83	SPT-13 (Samsung Focus)	109
5.2.84	SPT-14 (Samsung Focus)	110
5.2.85	SPT-15 (Samsung Focus)	110
5.2.86	SPT-16 (Samsung Focus)	111
5.2.87	SPT-17 (Samsung Focus)	111
5.2.88	SPT-18 (Samsung Focus)	112
5.2.89	SPT-19 (Samsung Focus)	112
5.2.90	SPT-20 (Samsung Focus)	113
5.2.91	SPT-21 (Samsung Focus)	114
5.2.92	SPT-22 (Samsung Focus)	114
5.2.93	SPT-23 (Samsung Focus)	115
5.2.94	SPT-24 (Samsung Focus)	115
5.2.95	SPT-25 (Samsung Focus)	116
5.2.96	SPT-26 (Samsung Focus)	116
5.2.97	SPT-27 (Samsung Focus)	117
5.2.98	SPT-28 (Samsung Focus)	117
5.2.99	SPT-29 (Samsung Focus)	118
5.2.100	SPT-30 (Samsung Focus)	118
5.2.101	SPT-34 (Samsung Focus)	119
5.2.102	SPT-35 (Samsung Focus)	119
5.2.103	SPT-36 (Samsung Focus)	120
5.2.104	SPT-38 (Samsung Focus)	120
5.2.105	SPT-39 (Samsung Focus)	121
5.2.106	SPT-01 (Nokia 6350).....	121
5.2.107	SPT-02 (Nokia 6350).....	122
5.2.108	SPT-03 (Nokia 6350).....	122
5.2.109	SPT-04 (Nokia 6350).....	123
5.2.110	SPT-05 (Nokia 6350).....	123
5.2.111	SPT-06 (Nokia 6350).....	124
5.2.112	SPT-07 (Nokia 6350).....	125
5.2.113	SPT-08 (Nokia 6350).....	125
5.2.114	SPT-09 (Nokia 6350).....	126
5.2.115	SPT-10 (Nokia 6350).....	127
5.2.116	SPT-11 (Nokia 6350).....	127
5.2.117	SPT-13 (Nokia 6350).....	128
5.2.118	SPT-14 (Nokia 6350).....	128
5.2.119	SPT-15 (Nokia 6350).....	129

5.2.120	SPT-16 (Nokia 6350).....	129
5.2.121	SPT-17 (Nokia 6350).....	130
5.2.122	SPT-18 (Nokia 6350).....	130
5.2.123	SPT-19 (Nokia 6350).....	131
5.2.124	SPT-20 (Nokia 6350).....	131
5.2.125	SPT-21 (Nokia 6350).....	132
5.2.126	SPT-22 (Nokia 6350).....	133
5.2.127	SPT-23 (Nokia 6350).....	133
5.2.128	SPT-24 (Nokia 6350).....	134
5.2.129	SPT-25 (Nokia 6350).....	134
5.2.130	SPT-26 (Nokia 6350).....	135
5.2.131	SPT-27 (Nokia 6350).....	135
5.2.132	SPT-28 (Nokia 6350).....	136
5.2.133	SPT-29 (Nokia 6350).....	136
5.2.134	SPT-30 (Nokia 6350).....	137
5.2.135	SPT-33 (Nokia 6350).....	137
5.2.136	SPT-34 (Nokia 6350).....	138
5.2.137	SPT-35 (Nokia 6350).....	138
5.2.138	SPT-36 (Nokia 6350).....	139
5.2.139	SPT-38 (Nokia 6350).....	139
5.2.140	SPT-39 (Nokia 6350).....	140
5.2.141	SPT-01 (Motorola Tundra)	140
5.2.142	SPT-14 (Motorola Tundra)	141
5.2.143	SPT-15 (Motorola Tundra)	141
5.2.144	SPT-16 (Motorola Tundra)	142
5.2.145	SPT-17 (Motorola Tundra)	142
5.2.146	SPT-18 (Motorola Tundra)	143
5.2.147	SPT-19 (Motorola Tundra)	143
5.2.148	SPT-20 (Motorola Tundra)	144
5.2.149	SPT-21 (Motorola Tundra)	145
5.2.150	SPT-22 (Motorola Tundra)	145
5.2.151	SPT-23 (Motorola Tundra)	146
5.2.152	SPT-26 (Motorola Tundra)	146
5.2.153	SPT-27 (Motorola Tundra)	147
5.2.154	SPT-28 (Motorola Tundra)	147
5.2.155	SPT-30 (Motorola Tundra)	148
5.2.156	SPT-34 (Motorola Tundra)	148
5.2.157	SPT-35 (Motorola Tundra)	149
5.2.158	SPT-36 (Motorola Tundra)	149
5.2.159	SPT-39 (Motorola Tundra)	150
5.2.160	SPT-01 (HTC Tilt2).....	150
5.2.161	SPT-02 (HTC Tilt2).....	151
5.2.162	SPT-03 (HTC Tilt2).....	152
5.2.163	SPT-04 (HTC Tilt2).....	152
5.2.164	SPT-05 (HTC Tilt2).....	153
5.2.165	SPT-06 (HTC Tilt2).....	153

5.2.166	SPT-07 (HTC Tilt2).....	154
5.2.167	SPT-08 (HTC Tilt2).....	155
5.2.168	SPT-09 (HTC Tilt2).....	155
5.2.169	SPT-10 (HTC Tilt2).....	156
5.2.170	SPT-11 (HTC Tilt2).....	157
5.2.171	SPT-12 (HTC Tilt2).....	157
5.2.172	SPT-13 (HTC Tilt2).....	157
5.2.173	SPT-14 (HTC Tilt2).....	158
5.2.174	SPT-15 (HTC Tilt2).....	158
5.2.175	SPT-16 (HTC Tilt2).....	159
5.2.176	SPT-17 (HTC Tilt2).....	159
5.2.177	SPT-18 (HTC Tilt2).....	160
5.2.178	SPT-19 (HTC Tilt2).....	161
5.2.179	SPT-20 (HTC Tilt2).....	161
5.2.180	SPT-21 (HTC Tilt2).....	162
5.2.181	SPT-22 (HTC Tilt2).....	162
5.2.182	SPT-23 (HTC Tilt2).....	163
5.2.183	SPT-24 (HTC Tilt2).....	164
5.2.184	SPT-25 (HTC Tilt2).....	164
5.2.185	SPT-26 (HTC Tilt2).....	164
5.2.186	SPT-27 (HTC Tilt2).....	165
5.2.187	SPT-28 (HTC Tilt2).....	165
5.2.188	SPT-29 (HTC Tilt2).....	166
5.2.189	SPT-30 (HTC Tilt2).....	166
5.2.190	SPT-31 (HTC Tilt2).....	167
5.2.191	SPT-32 (HTC Tilt2).....	167
5.2.192	SPT-33 (HTC Tilt2).....	168
5.2.193	SPT-34 (HTC Tilt2).....	169
5.2.194	SPT-35 (HTC Tilt2).....	170
5.2.195	SPT-36 (HTC Tilt2).....	170
5.2.196	SPT-38 (HTC Tilt2).....	171
5.2.197	SPT-39 (HTC Tilt2).....	171
5.2.198	SPT-01 (iPhone4 CDMA).....	172
5.2.199	SPT-02 (iPhone4 CDMA).....	172
5.2.200	SPT-03 (iPhone4 CDMA).....	173
5.2.201	SPT-04 (iPhone4 CDMA).....	173
5.2.202	SPT-05 (iPhone4 CDMA).....	174
5.2.203	SPT-06 (iPhone4 CDMA).....	174
5.2.204	SPT-07 (iPhone4 CDMA).....	175
5.2.205	SPT-08 (iPhone4 CDMA).....	176
5.2.206	SPT-09 (iPhone4 CDMA).....	177
5.2.207	SPT-10 (iPhone4 CDMA).....	177
5.2.208	SPT-11 (iPhone4 CDMA).....	178
5.2.209	SPT-12 (iPhone4 CDMA).....	178
5.2.210	SPT-13 (iPhone4 CDMA).....	179
5.2.211	SPT-24 (iPhone4 CDMA).....	179

5.2.212	SPT-25 (iPhone4 CDMA).....	180
5.2.213	SPT-29 (iPhone4 CDMA).....	180
5.2.214	SPT-31 (iPhone4 CDMA).....	181
5.2.215	SPT-32 (iPhone4 CDMA).....	181
5.2.216	SPT-33 (iPhone4 CDMA).....	182
5.2.217	SPT-38 (iPhone4 CDMA).....	183
5.2.218	SPT-40 (iPhone4 CDMA).....	183
5.2.219	SPT-01 (HTC Thunderbolt).....	184
5.2.220	SPT-02 (HTC Thunderbolt).....	185
5.2.221	SPT-03 (HTC Thunderbolt).....	185
5.2.222	SPT-04 (HTC Thunderbolt).....	186
5.2.223	SPT-05 (HTC Thunderbolt).....	186
5.2.224	SPT-06 (HTC Thunderbolt).....	187
5.2.225	SPT-07 (HTC Thunderbolt).....	188
5.2.226	SPT-08 (HTC Thunderbolt).....	188
5.2.227	SPT-09 (HTC Thunderbolt).....	189
5.2.228	SPT-10 (HTC Thunderbolt).....	189
5.2.229	SPT-11 (HTC Thunderbolt).....	190
5.2.230	SPT-12 (HTC Thunderbolt).....	191
5.2.231	SPT-13 (HTC Thunderbolt).....	191
5.2.232	SPT-24 (HTC Thunderbolt).....	192
5.2.233	SPT-25 (HTC Thunderbolt).....	192
5.2.234	SPT-29 (HTC Thunderbolt).....	193
5.2.235	SPT-33 (HTC Thunderbolt).....	193
5.2.236	SPT-38 (HTC Thunderbolt).....	194
5.2.237	SPT-40 (HTC Thunderbolt).....	194

1 Introduction

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

18
19 Test results provide the information necessary for developers to improve tools, for users
20 to make informed choices, and for the legal community and others to understand the
21 tools' capabilities. The CFTT approach to testing computer forensic tools is based on
22 well-recognized methodologies for conformance and quality testing. The specifications
23 and test methods posted on the [CFTT Website](#) for review and comment by the computer
24 forensics community.

25
26 This document reports the results from testing Micro Systemation XRY version 6.3.1
27 against the *Smart Phone Tool Test Assertions and Test Plan*, available at the
28 [CFTT Website](#).

29
30 Test results from other tools and the CFTT tool methodology can be found on NIJ's
31 computer [forensics tool testing Web page](#).

32 How to Read This Report

33
34 This report is divided into five sections. The first section is a summary of the results from
35 the test runs. This section is sufficient for most readers to assess the suitability of the tool
36 for the intended use. The remaining sections of the report describe how the tests were
37 conducted, discuss any anomalies that were encountered, and provide documentation of
38 test case run details that support the report summary. Section 2 gives justification for the
39 selection of test cases from the set of possible cases defined in the test plan for Smart
40 Phone forensic tools. The test cases are selected, in general, on the basis of features
41 offered by the tool. Section 3 describes in more depth any anomalies summarized in the
42 first section. Section 4 lists hardware and software used to run the test cases. Section 5
43

44 contains a description of each test case run. The description of each test run lists all test
45 assertions used in the test case, the expected result, and the actual result. Please refer to
46 the vendor's owner manual for guidance on using the tool.
47

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

Tool Tested: XRY

Version: 6.3.1

Run Environment: Microsoft Windows XP v5.1.2600

Supplier: MSAB INC

Address: 2900 K-Street NW, Suite 505
Washington DC 20007

Tel: 205-536-1590

Fax: 888-395-9027

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

49

50 **1 Results Summary**

51 The XRY is a secure forensic software application that runs on the Windows operating
52 system. It is designed to perform data extraction on a wide variety of mobile devices,
53 such as smartphones, gps navigation units, 3G modems, portable music players and the
54 latest tablet processors such as the iPad and Subscriber Identity Modules (SIM).
55

56 The tool was tested for its ability to acquire active and deleted data from the internal
57 memory of mobile devices and SIMs. Except for the following anomalies, the tool
58 acquired all supported data objects completely and accurately for all eight mobile devices
59 tested.
60

61 *Device connectivity:*

- 62 ■ Connectivity to the mobile device was not established. (Motorola Tundra)

63 *SIM acquisition disruption:*

- 64 ■ When connectivity was interrupted, the tool failed to notify the user that the
65 acquisition had been disrupted for the Subscriber Identity Module. (iPhone4 GSM,
66 BlackBerry Torch, Samsung Focus, Nokia 6350, Motorola Tundra, HTC Tilt2)

67 *Physical acquisition:*

- 68 ■ Deleted address book entries and calendar entries were not reported. (iPhone4
69 GSM, iPhone4 CDMA)
70

71 Refer to sections 3.1 – 3.3 for additional details.
72

73 **2 Test Case Selection**

74 Test cases used to test mobile device acquisition tools are defined in *Smart Phone Tool*
75 *Test Assertions and Test Plan Version 1.0*. To test a tool, test cases are selected from the
76 *Test Plan* document based on the features offered by the tool. Not all test cases or test

assertions are appropriate for all tools. There is a core set of bases cases that are executed for every tool tested. Tool features guide the selection of additional test cases. If a given tool implements a given feature then the test cases linked to that feature are run. Tables (1a-1h) list the test cases available in Smartphone Examiner. Tables (2a-2h) list the test cases not available in Smartphone Examiner.

Table 1a: Selected Test Cases (iPhone4 GSM)

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

Supported Optional Feature	Cases Selected for Execution
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT-30
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT-38
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

84

85 **Table 2a: Omitted Test Cases (iPhone4 GSM)**

Unsupported Optional Feature	Cases omitted - not executed
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37

86

87 **Table 1b: Selected Test Cases (BlackBerry Torch)**

Supported Optional Feature	Cases Selected for Execution
Base cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-11, SPT-12, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16

Supported Optional Feature	Cases Selected for Execution
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
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering	SPT-36

Supported Optional Feature	Cases Selected for Execution
an incorrect value.	
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT-38
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39

88

89 **Table 2b: Omitted Test Cases (BlackBerry Torch)**

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

90

91 **Table 1c: Selected Test Cases (Samsung Focus)**

Supported Optional Feature	Cases Selected for Execution
Base cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-10, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire 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	SPT-26

Supported Optional Feature	Cases Selected for Execution
generated report formats.	
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful 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 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
Acquire SIM memory and review hash values for vendor supported data objects.	SPT-39

92

93 **Table 2c: Omitted Test Cases (Samsung Focus)**

Unsupported Optional Feature	Cases omitted - not executed
Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	SPT-05
Acquire mobile device internal memory and review reported PIM related data.	SPT-06
Acquire mobile device internal memory and review reported call logs.	SPT-07
Acquire mobile device internal memory and review reported text messages.	SPT-08
Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).	SPT-09
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT-11
Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites).	SPT-12
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

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

94

95 **Table 1d: Selected Test Cases (Nokia 6350)**

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

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

96

97 **Table 2d: Omitted Test Cases (Nokia 6350)**

Unsupported Optional Feature	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 mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

98

99 **Table 1e: Selected Test Cases (Motorola Tundra)**

Supported Optional Feature	Cases Selected for Execution
Base cases	SPT-01
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17

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

100

101 **Table 2e: Omitted Test Cases (Motorola Tundra)**

Unsupported Optional Feature	Cases omitted - not executed
Attempt internal memory acquisition of a nonsupported mobile device.	SPT-02
Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.	SPT-03
Acquire mobile device internal memory and review reported data via the preview pane or generated reports for readability.	SPT-04
Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	SPT-05
Acquire mobile device internal memory and review reported PIM related data.	SPT-06
Acquire mobile device internal memory and review reported call logs.	SPT-07
Acquire mobile device internal memory and review reported text messages.	SPT-08
Acquire mobile device internal memory and review reported MMS	SPT-09

Unsupported Optional Feature	Cases omitted - not executed
multi-media related data (i.e., text, audio, graphics, video).	
Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).	SPT-10
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT-11
Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites).	SPT-12
Acquire mobile device internal memory by selecting a combination of supported data elements.	SPT-13
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT-24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT-25
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT-29
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT-38
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

102

103 **Table 1f: Selected Test Cases (HTC Tilt2)**

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

Supported Optional Feature	Cases Selected for Execution
Dialing Numbers (ADN).	
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, 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
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT-38
Acquire SIM memory and review hash values for vendor	SPT-39

Supported Optional Feature	Cases Selected for Execution
supported data objects.	

Table 2f: Omitted Test Cases (HTC Tilt2)

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

Table 1g: Selected Test Cases (iPhone4 CDMA)

Supported Optional Feature	Cases Selected for Execution
Base cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-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
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

Table 2g: Omitted Test Cases (iPhone4 CDMA)

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

Unsupported Optional Feature	Cases omitted - not executed
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

110

111 **Table 1h: Selected Test Cases (HTC Thunderbolt)**

Supported Optional Feature	Cases Selected for Execution
Base cases	SPT-01, SPT-02, SPT-03, SPT-04, SPT-05, SPT-06, SPT-07, SPT-08, SPT-09, SPT-10, SPT-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	SPT-29

Supported Optional Feature	Cases Selected for Execution
means and attempt to re-open the case.	
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
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

112

113 **Table 2h: Omitted Test Cases (HTC Thunderbolt)**

Unsupported Optional Feature	Cases omitted - not executed
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOC).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire SIM memory and review reported data via supported generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview-pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT-30
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to	SPT-36

Unsupported Optional Feature	Cases omitted - not executed
determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	
Perform a stand-alone mobile device internal memory acquisition and review 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

3 Results by Test Assertion

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

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

Table 3a: Assertions Tested (iPhone4 GSM)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported 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	1	

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

Assertions Tested	Tests	Anomaly
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.	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-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM	1	3.2

Assertions Tested	Tests	Anomaly
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.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.	1	
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.	1	
SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.	1	
SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text 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	

Assertions Tested	Tests	Anomaly
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview pane view.	2	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.	1	
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.	1	3.3
SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall	1	3.3

Assertions Tested	Tests	Anomaly
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.	1	
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.	1	
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.	1	
SPT-AO-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 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.	2	
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	1	

Table 3b: Assertions Tested: (BlackBerry Torch)

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	1	

Assertions Tested	Tests	Anomaly
nonsupported device then the tool shall notify the user that the device is not supported.		
SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report.	2	
SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.	1	
SPT-CA-13 If a cellular forensic tool completes acquisition of the target 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	

Assertions Tested	Tests	Anomaly
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.	1	
SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-30 If a cellular forensic tool provides the user with a “Select	2	

Assertions Tested	Tests	Anomaly
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.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	3.2
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs	1	

Assertions Tested	Tests	Anomaly
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.	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-23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview pane view.	2	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN	1	

Assertions Tested	Tests	Anomaly
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.	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-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.	1	
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.	1	
SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.	1	
SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.	1	
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.	1	
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.	1	
SPT-AO-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 ADNs in their native format.	2	

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

129
130

Table 3c: Assertions Tested: (Samsung Focus)

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 nonsupported 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-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	2	
SPT-CA-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data	1	

Assertions Tested	Tests	Anomaly
objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	3.2
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.	1	
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.	1	
SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.	1	
SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview pane view.	2	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	

Assertions Tested	Tests	Anomaly
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs 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.	2	

Table 3d: Assertions Tested: (Nokia 6350)

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 nonsupported 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	1	

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

Assertions Tested	Tests	Anomaly
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-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-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	3.2
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	1	

Assertions Tested	Tests	Anomaly
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.	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-23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool	1	

Assertions Tested	Tests	Anomaly
shall acquire each exclusive data object without error.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview pane view.	2	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present 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.	2	

Table 3e: Assertions Tested: (Motorola Tundra)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	3.1
SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report.	1	
SPT-CA-29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	1	
SPT-CA-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-CA-31 If a cellular forensic tool provides the user with the ability	1	

Assertions Tested	Tests	Anomaly
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.	1	
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	3.2
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.	1	
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in	1	

Assertions Tested	Tests	Anomaly
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.	1	
SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.	1	
SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview pane view.	1	
SPT-AO-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-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-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs 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 3f: Assertions Tested: (HTC Tilt2)

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 nonsupported 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	1	

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

Assertions Tested	Tests	Anomaly
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-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	3.2
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable 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 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	

Assertions Tested	Tests	Anomaly
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview pane view.	2	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT-AO-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	1	

Assertions Tested	Tests	Anomaly
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.	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 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.	2	

Table 3g: Assertions Tested: (iPhone4 CDMA)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported 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	

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

Assertions Tested	Tests	Anomaly
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	
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-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	
SPT-AO-26 If a cellular forensic tool completes acquisition of the target	1	

Assertions Tested	Tests	Anomaly
device without error then the tool shall present the acquired data in a useable format in a preview pane 'view.		
SPT-AO-27 If the case file or individual data objects are modified via 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	3.3
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	3.3
SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.	1	
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.	1	
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.	1	
SPT-AO-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	1	

Assertions Tested	Tests	Anomaly
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	1	

139

140

Table 3h: Assertions Tested: (HTC Thunderbolt)

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

Assertions Tested	Tests	Anomaly
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.	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	1	

Assertions Tested	Tests	Anomaly
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-30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT-CA-31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	
SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview pane view.	1	
SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	1	
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format.	1	
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	1	
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	1	

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

Table 4a: Assertions Not Tested (iPhone4 GSM)

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

Table 4b: Assertions Not Tested (BlackBerry Torch)

Assertions Not Tested
SPT-AO-42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

Table 4c: Assertions Not Tested (Samsung Focus)

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

Assertions Not Tested
useable format.
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages

Assertions Not Tested	
	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.

150

151 **Table 4d: Assertions Not Tested (Nokia 6350)**

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-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

Assertions Not Tested	
	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.

152

153 **Table 4e: Assertions Not Tested (Motorola Tundra)**

Assertions Not Tested	
SPT-CA-02	If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.
SPT-CA-03	If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
SPT-CA-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

Assertions Not Tested
error then call logs (incoming/outgoing/missed) shall be presented in a useable format.
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.

Assertions Not Tested	
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.

154

155 **Table 4f: Assertions Not Tested (HTC Tilt2)**

Assertions Not Tested	
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.

156

157 **Table 4g: Assertions Not Tested (iPhone4 CDMA)**

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

Assertions Not Tested
error then the SPN shall be presented in a useable format.
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.
SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.
SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.
SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT-AO-23 If a cellular forensic tool provides the user with a “Select All” individual

Assertions Not Tested	
	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.

158

159 **Table 4h: Assertions Not Tested (HTC Thunderbolt)**

Assertions Not Tested	
SPT-AO-01	If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
SPT-AO-02	If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.
SPT-AO-03	If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
SPT-AO-04	If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.
SPT-AO-05	If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.
SPT-AO-06	If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.
SPT-AO-07	If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
SPT-AO-08	If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.
SPT-AO-09	If a cellular forensic tool completes acquisition of the target SIM without error then maximum length 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

Assertions Not Tested
error then Last Numbers Dialed (LND) shall be presented in a useable format.
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.
SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.
SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.
SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
SPT-AO-22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT-AO-23 If a cellular forensic tool provides the user with a “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT-AO-24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data

Assertions Not Tested	
	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.

160

161 The following sections provide detailed information for the anomalies from Tables 3a –
162 3h.

163 **3.1 Device connectivity**

164 For test case SPT-01, connectivity to the Motorola Tundra was not established using the
165 supported interface. The device was listed in Windows device manager and files
166 contained within the following folders were viewable using Windows Explorer:
167 Documents, Pictures, unknown, Voice, Music, Programs, Video. Multiple attempts were
168 made to establish connectivity. The following error was reported: “No devices found on
169 cable connecion media.”

170 **3.2 Notification of device acquisition disruption**

171 Notification of SIM acquisition disruption was not succesful in Test case SPT-16 for
172 Subscriber Identity Modules. The acquisition was disrupted by removing the SIM from
173 the USB SIM reader. Instead of informing the examiner that connectivity with the SIM
174 had been disrupted, the tool appeared to continue acquiring the contents of the Subscriber
175 Identity Module.

3.3 Physical Acquisition

For test case SPT-32, deleted address book entries and calendar entries were not reported.

4 Testing Environment

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

4.1 Test Computers

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

Morrisy has the following configuration:

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

4.2 Mobile Devices

The following table lists the mobile devices used.

Table 4.2 Mobile Devices

Make	Model	OS	Network
Apple iPhone	4	iOS v4.3.3 (8J2)	AT&T
BlackBerry	9800 (Torch)	BlackBerry v6.0.0.526	AT&T
Samsung	SGH-i917 (Focus)	Windows Phone 7	AT&T
Nokia	6350	V13.1709-12-10 RM-455	AT&T
Motorola	Tundra	R63715_U_71.01.82R	AT&T
HTC	Tilt2	Windows Mobile 6.5	AT&T
Apple iPhone	4	iOS v5.0.1 (9A405)	Verizon
HTC	Thunderbolt	Android 2.2.1	Verizon

4.3 Internal memory data objects

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

Table 4.3 Internal memory data objects

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

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

4.4 Subscriber Identity Module data objects

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

Table 4.4 Subscriber Identity Module data objects

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

5 Test Results

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

5.1 Test Results Report Key

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

Table 5 Test Results Report Key

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

5.2 Test Details

The test results are presented in this section.

5.2.1 SPT-01 (iPhone4 GSM)

Test Case SPT-01 XRY v6.3.1	
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report. SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa

Test Case SPT-01 XRY v6.3.1																
Test Host:	Morrisy															
Test Date:	Tue Jun 19 08:06:27 EDT 2012															
Device:	iPhone4_GSM															
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable															
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 08:06:27 EDT 2012 Acquisition finished: Tue Jun 19 08:11:11 EDT 2012 Device connectivity was established via supported interface															
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-01 Device connectivity via supported interfaces.</td><td>as expected</td></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr><tr><td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result															
SPT-CA-01 Device connectivity via supported interfaces.	as expected															
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected															
SPT-CA-29 Acquire-All data objects acquisition.	as expected															
SPT-CA-30 Select-All data objects acquisition.	as expected															
SPT-CA-31 Select-Individual data objects acquisition.	as expected															
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected															
Analysis:	Expected results achieved															

230

231 5.2.2 SPT-02 (iPhone4 GSM)

Test Case SPT-02 XRY v6.3.1						
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.					
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jun 19 09:20:26 EDT 2012					
Device:	unsupported_device					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 09:20:26 EDT 2012 Acquisition finished: Tue Jun 19 09:21:51 EDT 2012 Identification of nonsupported devices was successful					
Results:	<table><tr><td>Assertion & Expected Result</td><td>Actual Result</td></tr><tr><td>SPT-CA-02 Identification of nonsupported devices.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of nonsupported devices.	as expected
Assertion & Expected Result	Actual Result					
SPT-CA-02 Identification of nonsupported devices.	as expected					
Analysis:	Expected results achieved					

232

233 5.2.3 SPT-03 (iPhone4 GSM)

Test Case SPT-03 XRY v6.3.1		
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.	

Test Case SPT-03 XRY v6.3.1						
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jun 19 09:16:19 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 09:16:19 EDT 2012 Acquisition finished: Tue Jun 19 09:19:02 EDT 2012 Device acquisition disruption notification was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-03 Notification of device acquisition disruption.</td><td>as expected</td></tr></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					

234

235 5.2.4 SPT-04 (iPhone4 GSM)

Test Case SPT-04 XRY v6.3.1						
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 Jun 19 08:18:21 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 08:18:21 EDT 2012 Acquisition finished: Tue Jun 19 08:20:24 EDT 2012 Readability and completeness of acquired data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr></table>		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					

236

237 5.2.5 SPT-05 (iPhone4 GSM)

Test Case SPT-05 XRY v6.3.1		
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.	

Test Case SPT-05 XRY v6.3.1							
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jun 19 08:21:17 EDT 2012						
Device:	iPhone4_GSM						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 08:21:17 EDT 2012 Acquisition finished: Tue Jun 19 08:32:44 EDT 2012 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td><td>as expected</td></tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected						
SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected						
Analysis:	Expected results achieved						

238

239 5.2.6 SPT-06 (iPhone4 GSM)

Test Case SPT-06 XRY v6.3.1	
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 Jun 19 08:33:17 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 08:33:17 EDT 2012 Acquisition finished: Tue Jun 19 08:36:38 EDT 2012 All address book entries were successfully acquired ALL PIM related data was acquired
Results:	

Test Case SPT-06 XRY v6.3.1		
	Assertion & Expected Result	Actual Result
	SPT-CA-07 Acquisition of address book entries.	as expected
	SPT-CA-08 Acquisition of maximum length address book 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	

240

241 5.2.7 SPT-07 (iPhone4 GSM)

Test Case SPT-07 XRY v6.3.1								
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 19 08:37:45 EDT 2012							
Device:	iPhone4_GSM							
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 08:37:45 EDT 2012 Acquisition finished: Tue Jun 19 08:40:50 EDT 2012 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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							

242

243 5.2.8 SPT-08 (iPhone4 GSM)

Test Case SPT-08 XRY v6.3.1		
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</p>	

Test Case SPT-08 XRY v6.3.1											
	<p>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 19 08:41:35 EDT 2012										
Device:	iPhone4_GSM										
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable										
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jun 19 08:41:35 EDT 2012</p> <p>Acquisition finished: Tue Jun 19 08:48:38 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>Correct date/time stamps were reported for all text messages</p> <p>Correct status flags were reported for all text messages</p> <p>Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td><td>as expected</td></tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td><td>as expected</td></tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

244

245 5.2.9 SPT-09 (iPhone4 GSM)

Test Case SPT-09 XRY v6.3.1	
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 19 08:49:12 EDT 2012
Device:	iPhone4_GSM
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jun 19 08:49:12 EDT 2012</p> <p>Acquisition finished: Tue Jun 19 08:56:07 EDT 2012</p> <p>ALL MMS messages (Audio, Image, Video) were acquired</p>
Results:	

Test Case SPT-09 XRY v6.3.1		
	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	

246

247 5.2.10 SPT-10 (iPhone4 GSM)

Test Case SPT-10 XRY v6.3.1										
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).									
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.									
Tester Name:	rpa									
Test Host:	Morrisy									
Test Date:	Tue Jun 19 08:56:35 EDT 2012									
Device:	iPhone4_GSM									
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable									
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 08:56:35 EDT 2012 Acquisition finished: Tue Jun 19 09:13:47 EDT 2012 ALL stand-alone data files (Audio, Image, Video) were acquired									
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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									

248

249 5.2.11 SPT-11 (iPhone4 GSM)

Test Case SPT-11 XRY v6.3.1		
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 21 09:06:36 EDT 2012	

Test Case SPT-11 XRY v6.3.1						
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Thu Jun 21 09:06:36 EDT 2012 Acquisition finished: Thu Jun 21 09:06:53 EDT 2012</p> <p>All application data was acquired</p> <p>Notes: Application data was recovered by performing a physical acquisition.</p>					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-27 Acquisition of application related data.</td><td>as expected</td></tr></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					

250

251 5.2.12 SPT-12 (iPhone4 GSM)

Test Case SPT-12 XRY v6.3.1						
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:	Tue Jun 19 09:17:18 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 09:17:18 EDT 2012 Acquisition finished: Tue Jun 19 09:19:25 EDT 2012 All Internet related data was acquired					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-28 Acquisition of Internet related data.</td><td>as expected</td></tr></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					

252

253 5.2.13 SPT-13 (iPhone4 GSM)

Test Case SPT-13 XRY v6.3.1		
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.	
Assertions:	<p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p>	

Test Case SPT-13 XRY v6.3.1									
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Tue Jun 19 09:22:25 EDT 2012								
Device:	iPhone4_GSM								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 09:22:25 EDT 2012 Acquisition finished: Tue Jun 19 09:23:58 EDT 2012 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-29 Acquire-All data objects acquisition.	as expected								
SPT-CA-30 Select-All data objects acquisition.	as expected								
SPT-CA-31 Select-Individual data objects acquisition.	as expected								
Analysis:	Expected results achieved								

254

255 5.2.14 SPT-14 (iPhone4 GSM)

Test Case SPT-14 XRY v6.3.1					
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 19 09:34:39 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 09:34:39 EDT 2012 Acquisition finished: Tue Jun 19 09:37:51 EDT 2012 Media connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-01 SIM connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

256

257 5.2.15 SPT-15 (iPhone4 GSM)

Test Case SPT-15 XRY v6.3.1	
Case Summary:	SPT-15 Attempt acquisition of a nonsupported SIM.
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Jun 19 09:46:10 EDT 2012

Test Case SPT-15 XRY v6.3.1						
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 09:46:10 EDT 2012 Acquisition finished: Tue Jun 19 09:48:16 EDT 2012 Identification of nonsupported media was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-02 Identification of nonsupported SIMs.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of nonsupported SIMs.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-02 Identification of nonsupported SIMs.	as expected					
Analysis:	Expected results achieved					

258

259 5.2.16 SPT-16 (iPhone4 GSM)

Test Case SPT-16 XRY v6.3.1						
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 19 09:49:39 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 09:49:39 EDT 2012 Acquisition finished: Tue Jun 19 09:57:01 EDT 2012 Media acquisition disruption notification was not successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-03 Notification of SIM acquisition disruption.</td><td>Not as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result					
SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected					
Analysis:	Expected results not achieved					

260

261 5.2.17 SPT-17 (iPhone4 GSM)

Test Case SPT-17 XRY v6.3.1		
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 19 09:58:35 EDT 2012	
Device:	iPhone4_GSM	

Test Case SPT-17 XRY v6.3.1											
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 09:58:35 EDT 2012 Acquisition finished: Tue Jun 19 10:00:24 EDT 2012 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td><td>as expected</td></tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td><td>as expected</td></tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td><td>as expected</td></tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-04 Acquisition of SPN.	as expected	SPT-AO-05 Acquisition of ICCID.	as expected	SPT-AO-06 Acquisition of IMSI.	as expected	SPT-AO-07 Acquisition of MSISDN.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-04 Acquisition of SPN.	as expected										
SPT-AO-05 Acquisition of ICCID.	as expected										
SPT-AO-06 Acquisition of IMSI.	as expected										
SPT-AO-07 Acquisition of MSISDN.	as expected										
Analysis:	Expected results achieved										

262

263 5.2.18 SPT-18 (iPhone4 GSM)

Test Case SPT-18 XRY v6.3.1											
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 19 10:01:01 EDT 2012										
Device:	iPhone4_GSM										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 10:01:01 EDT 2012 Acquisition finished: Tue Jun 19 10:03:18 EDT 2012 All ADNs were acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-08 Acquisition of ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-09 Acquisition of maximum length ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-10 Acquisition of special character ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-11 Acquisition of blank name ADNs.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-08 Acquisition of ADNs.	as expected	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	SPT-AO-10 Acquisition of special character ADNs.	as expected	SPT-AO-11 Acquisition of blank name ADNs.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-08 Acquisition of ADNs.	as expected										
SPT-AO-09 Acquisition of maximum length ADNs.	as expected										
SPT-AO-10 Acquisition of special character ADNs.	as expected										
SPT-AO-11 Acquisition of blank name ADNs.	as expected										
Analysis:	Expected results achieved										

264

265

266 5.2.19 SPT-19 (iPhone4 GSM)

Test Case SPT-19 XRY v6.3.1

Test Case SPT-19 XRY v6.3.1							
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).						
Assertions:	<p>SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.</p> <p>SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.</p>						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jun 19 10:05:00 EDT 2012						
Device:	iPhone4_GSM						
Source Setup:	<p>OS: WIN XP v5.1.2600</p> <p>Interface: USB</p>						
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jun 19 10:05:00 EDT 2012</p> <p>Acquisition finished: Tue Jun 19 10:07:21 EDT 2012</p> <p>LNDs were acquired</p> <p>Date/Time Stamps correctly reported for LNDs</p>						
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						

267

268 5.2.20 SPT-20 (iPhone4 GSM)

Test Case SPT-20 XRY v6.3.1	
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 19 10:07:44 EDT 2012
Device:	iPhone4_GSM
Source Setup:	<p>OS: WIN XP v5.1.2600</p> <p>Interface: USB</p>
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jun 19 10:07:44 EDT 2012</p> <p>Acquisition finished: Tue Jun 19 10:10:01 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>All date/time stamps were reported for text messages</p> <p>Correct status flags were reported for text messages</p> <p>Sender and Recipient phone numbers associated with text messages were</p>

Test Case SPT-20 XRY v6.3.1														
	correctly reported													
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-14 Acquisition of SMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-15 Acquisition of EMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-16 Acquisition of text message date/time stamps.</td><td>as expected</td></tr><tr><td>SPT-AO-17 Acquisition of text message status flags.</td><td>as expected</td></tr><tr><td>SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.</td><td>as expected</td></tr></table>		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													

269

270 5.2.21 SPT-21 (iPhone4 GSM)

Test Case SPT-21 XRY v6.3.1						
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 19 10:10:34 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 10:10:34 EDT 2012 Acquisition finished: Tue Jun 19 10:16:33 EDT 2012 Deleted text message data was recovered					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td><td>as expected</td></tr></table>		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					

271

272 5.2.22 SPT-22 (iPhone4 GSM)

Test Case SPT-22 XRY v6.3.1		
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	
Assertions:	<p>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.</p> <p>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.</p>	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jun 19 10:17:19 EDT 2012	
Device:	iPhone4_GSM	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	

Test Case SPT-22 XRY v6.3.1							
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Tue Jun 19 10:17:19 EDT 2012 Acquisition finished: Tue Jun 19 10:19:45 EDT 2012</p> <p>LOCI data was acquired GPRSLOCI 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-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						

273

274 5.2.23 SPT-23 (iPhone4 GSM)

Test Case SPT-23 XRY v6.3.1											
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.										
Assertions:	<p>SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).</p> <p>SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Jun 19 10:20:16 EDT 2012										
Device:	iPhone4_GSM										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Tue Jun 19 10:20:16 EDT 2012 Acquisition finished: Tue Jun 19 10:26:35 EDT 2012</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-23 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-24 Select-Individual data objects acquisition.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected	SPT-AO-23 Select-All data objects acquisition.	as expected	SPT-AO-24 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-01 SIM connectivity via supported interfaces.	as expected										
SPT-AO-22 Acquire-All data objects acquisition.	as expected										
SPT-AO-23 Select-All data objects acquisition.	as expected										
SPT-AO-24 Select-Individual data objects acquisition.	as expected										
Analysis:	Expected results achieved										

275

276

277 5.2.24 SPT-24 (iPhone4 GSM)

Test Case SPT-24 XRY v6.3.1	
Case	SPT-24 Acquire mobile device internal memory and review reported data via

Test Case SPT-24 XRY v6.3.1						
Summary:	supported generated report formats.					
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jun 19 10:27:14 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 10:27:14 EDT 2012 Acquisition finished: Tue Jun 19 10:33:23 EDT 2012 Complete representation of known data via generated reports was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-25 Comparison of known device data elements via generated reports.</td><td>as expected</td></tr></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					

278

279 5.2.25 SPT-25 (iPhone4 GSM)

Test Case SPT-25 XRY v6.3.1						
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 19 10:34:02 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 10:34:02 EDT 2012 Acquisition finished: Tue Jun 19 10:35:36 EDT 2012 Complete representation of known data via was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr></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					

280

281

282 5.2.26 SPT-26 (iPhone4 GSM)

Test Case SPT-26 XRY v6.3.1	
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supported generated report formats.

Test Case SPT-26 XRY v6.3.1					
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 19 10:36:55 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 10:36:55 EDT 2012 Acquisition finished: Tue Jun 19 10:40:45 EDT 2012 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-25 Comparison of known device data elements via generated reports.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-25 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

283

284 5.2.27 SPT-27 (iPhone4 GSM)

Test Case SPT-27 XRY v6.3.1					
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 19 10:41:08 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 10:41:08 EDT 2012 Acquisition finished: Tue Jun 19 10:46:27 EDT 2012 Complete representation of known data via preview pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

285

286

287 5.2.28 SPT-28 (iPhone4 GSM)

Test Case SPT-28 XRY v6.3.1	
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

Test Case SPT-28 XRY v6.3.1						
	shall provide the examiner with the opportunity to input the PIN before acquisition.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jun 19 13:42:50 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 13:42:50 EDT 2012 Acquisition finished: Tue Jun 19 13:48:14 EDT 2012 Ability to enter PIN on protected media before acquisition was successful					
Results:	<table><tr><td>Assertion & Expected Result</td><td>Actual Result</td></tr><tr><td>SPT-AO-28 Acquisition of password word protected SIM.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-28 Acquisition of password word protected SIM.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-28 Acquisition of password word protected SIM.	as expected					
Analysis:	Expected results achieved					

288

289 5.2.29 SPT-29 (iPhone4 GSM)

Test Case SPT-29 XRY v6.3.1						
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 19 13:43:38 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 13:43:38 EDT 2012 Acquisition finished: Tue Jun 19 13:48:56 EDT 2012 Notification of modified device memory data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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					

290

291 5.2.30 SPT-30 (iPhone4 GSM)

Test Case SPT-30 XRY v6.3.1		
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jun 19 13:43:57 EDT 2012	

Test Case SPT-30 XRY v6.3.1						
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 13:43:57 EDT 2012 Acquisition finished: Tue Jun 19 13:49:23 EDT 2012 Notification of modified SIM data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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					

292

293 5.2.31 SPT-31 (iPhone4 GSM)

Test Case SPT-31 XRY v6.3.1						
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 20 13:14:22 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 20 13:14:22 EDT 2012 Acquisition finished: Wed Jun 20 13:35:49 EDT 2012 Physical Acquisition: readability and completeness was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-31 Physical acquisition, data is presented in a useable format.</td><td>as expected</td></tr></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					

294

295 5.2.32 SPT-32 (iPhone4 GSM)

Test Case SPT-32 XRY v6.3.1		
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</p>	

Test Case SPT-32 XRY v6.3.1																				
	<p>messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.</p> <p>SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.</p> <p>SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.</p> <p>SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.</p> <p>SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.</p>																			
Tester Name:	rpa																			
Test Host:	Morrisy																			
Test Date:	Fri Jun 22 12:57:14 EDT 2012																			
Device:	iPhone4_GSM																			
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																			
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Fri Jun 22 12:57:14 EDT 2012 Acquisition finished: Fri Jun 22 13:13:43 EDT 2012</p> <p>Deleted address book entries were not recovered Deleted PIM data was partially recovered Deleted Call log data was recovered Deleted text message data was recovered Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA</p> <p>Notes: Deleted calendar entries were not reported.</p>																			
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-32 Physical acquisition, recovery of deleted address book entries.</td><td>Not as expected</td></tr><tr><td>SPT-AO-33 Physical acquisition, recovery of deleted PIM data.</td><td>Partial</td></tr><tr><td>SPT-AO-34 Physical acquisition, recovery of deleted call logs.</td><td>as expected</td></tr><tr><td>SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.</td><td>as expected</td></tr><tr><td>SPT-AO-38 Physical acquisition, recovery of deleted graphic files.</td><td>as expected</td></tr><tr><td>SPT-AO-39 Physical acquisition, recovery of deleted video files.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	Not as expected	SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	Partial	SPT-AO-34 Physical acquisition, recovery of deleted call logs.	as expected	SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected	SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected	SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.	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
Assertion & Expected Result	Actual Result																			
SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	Not as expected																			
SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	Partial																			
SPT-AO-34 Physical acquisition, recovery of deleted call logs.	as expected																			
SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected																			
SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected																			
SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.	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 partially achieved																			

5.2.33 SPT-33 (iPhone4 GSM)

Test Case SPT-33 XRY v6.3.1

Test Case SPT-33 XRY v6.3.1							
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 19 14:04:54 EDT 2012						
Device:	iPhone4_GSM						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 14:04:54 EDT 2012 Acquisition finished: Tue Jun 19 14:12:10 EDT 2012 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

297

298 5.2.34 SPT-34 (iPhone4 GSM)

Test Case SPT-34 XRY v6.3.1							
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.						
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jun 19 14:05:17 EDT 2012						
Device:	iPhone4_GSM						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 14:05:17 EDT 2012 Acquisition finished: Tue Jun 19 14:12:20 EDT 2012 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						

Test Case SPT-34 XRY v6.3.1	
Analysis:	Expected results achieved

299

300 5.2.35 SPT-35 (iPhone4 GSM)

Test Case SPT-35 XRY v6.3.1					
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 20 07:20:04 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 20 07:20:04 EDT 2012 Acquisition finished: Wed Jun 20 07:31:23 EDT 2012 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				

301

302 5.2.36 SPT-36 (iPhone4 GSM)

Test Case SPT-36 XRY v6.3.1					
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 20 07:20:23 EDT 2012				
Device:	iPhone4_GSM				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 20 07:20:23 EDT 2012 Acquisition finished: Wed Jun 20 07:31:42 EDT 2012 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				

303 5.2.37 SPT-38 (iPhone4 GSM)

Test Case SPT-38 XRY v6.3.1						
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 19 14:15:57 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 14:15:57 EDT 2012 Acquisition finished: Tue Jun 19 14:17:13 EDT 2012 Hash values were properly reported for individually acquired device data elements					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr></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					

304

305 5.2.38 SPT-39 (iPhone4 GSM)

Test Case SPT-39 XRY v6.3.1						
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor supported data objects.					
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jun 19 14:16:19 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 14:16:19 EDT 2012 Acquisition finished: Tue Jun 19 14:17:23 EDT 2012 Hash values were properly reported for individually acquired SIM data elements					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr></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					

306

307 5.2.39 SPT-40 (iPhone4 GSM)

Test Case SPT-40 XRY v6.3.1						
Case Summary:	SPT-40 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.					
Assertions:	SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jun 19 14:17:54 EDT 2012					
Device:	iPhone4_GSM					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 19 14:17:54 EDT 2012 Acquisition finished: Tue Jun 19 14:20:10 EDT 2012 GPS Coordinate data was successfully acquired					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-44 Acquire data, check GPS data for consistency.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-44 Acquire data, check GPS data for consistency.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-44 Acquire data, check GPS data for consistency.	as expected					
Analysis:	Expected results achieved					

308

309 5.2.40 SPT-01 (BlackBerry Torch)

Test Case SPT-01 XRY v6.3.1		
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).	
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 10 07:36:53 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 07:36:53 EDT 2012 Acquisition finished: Tue Jul 10 07:39:23 EDT 2012 Device connectivity was established via supported interface	

Test Case SPT-01 XRY v6.3.1		
Results:	Assertion & Expected Result	
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

310

311 5.2.41 SPT-02 (BlackBerry Torch)

Test Case SPT-02 XRY v6.3.1		
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.	
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 10 07:41:19 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 07:41:19 EDT 2012 Acquisition finished: Tue Jul 10 07:43:04 EDT 2012 Identification of nonsupported devices was successful	
Results:	Assertion & Expected Result	
	SPT-CA-02 Identification of nonsupported devices.	as expected
Analysis:	Expected results achieved	

312

313 5.2.42 SPT-03 (BlackBerry Torch)

Test Case SPT-03 XRY v6.3.1		
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 Jul 10 07:44:30 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 07:44:30 EDT 2012 Acquisition finished: Tue Jul 10 07:46:23 EDT 2012	

Test Case SPT-03 XRY v6.3.1		
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-03 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

314

315 5.2.43 SPT-04 (BlackBerry Torch)

Test Case SPT-04 XRY v6.3.1						
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 Jul 10 07:47:01 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 07:47:01 EDT 2012 Acquisition finished: Tue Jul 10 07:51:13 EDT 2012 Readability and completeness of acquired data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr></table>		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					

316

317 5.2.44 SPT-05 (BlackBerry Torch)

Test Case SPT-05 XRY v6.3.1		
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 Jul 10 07:51:56 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 07:51:56 EDT 2012 Acquisition finished: Tue Jul 10 07:53:49 EDT 2012	

Test Case SPT-05 XRY v6.3.1		
	Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected
	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Analysis:	Expected results achieved	

318

319 5.2.45 SPT-06 (BlackBerry Torch)

Test Case SPT-06 XRY v6.3.1																
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 Jul 10 08:22:22 EDT 2012															
Device:	BlackBerry_Torch															
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable															
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jul 10 08:22:22 EDT 2012</p> <p>Acquisition finished: Tue Jul 10 08:25:35 EDT 2012</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>															
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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</td><td>as expected</td></tr></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	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	as expected															

Test Case SPT-06 XRY v6.3.1		
	book entries.	
	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		

320

321 5.2.46 SPT-07 (BlackBerry Torch)

Test Case SPT-07 XRY v6.3.1								
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 Jul 10 08:26:37 EDT 2012							
Device:	BlackBerry_Torch							
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 08:26:37 EDT 2012 Acquisition finished: Tue Jul 10 08:29:23 EDT 2012 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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							

322

323 5.2.47 SPT-08 (BlackBerry Torch)

Test Case SPT-08 XRY v6.3.1		
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 Jul 10 08:30:21 EDT 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	

Test Case SPT-08 XRY v6.3.1											
Setup:	Interface: cable										
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Tue Jul 10 08:30:21 EDT 2012 Acquisition finished: Tue Jul 10 08:33:37 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td><td>as expected</td></tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td><td>as expected</td></tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

324

325 5.2.48 SPT-09 (BlackBerry Torch)

Test Case SPT-09 XRY v6.3.1									
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 Jul 10 08:34:05 EDT 2012								
Device:	BlackBerry_Torch								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Tue Jul 10 08:34:05 EDT 2012 Acquisition finished: Tue Jul 10 08:37:21 EDT 2012</p> <p>ALL MMS messages (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-21 Acquisition of audio MMS messages.	as expected	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected	SPT-CA-23 Acquisition of video MMS messages.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected								
SPT-CA-23 Acquisition of video MMS messages.	as expected								
Analysis:	Expected results achieved								

326

327

5.2.49 SPT-10 (BlackBerry Torch)

Test Case SPT-10 XRY v6.3.1									
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 Jul 10 08:38:07 EDT 2012								
Device:	BlackBerry_Torch								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jul 10 08:38:07 EDT 2012</p> <p>Acquisition finished: Tue Jul 10 08:43:31 EDT 2012</p> <p>ALL stand-alone data files (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td><td>as expected</td></tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td><td>as expected</td></tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	as expected								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	as expected								
Analysis:	Expected results achieved								

328

329

5.2.50 SPT-11 (BlackBerry Torch)

Test Case SPT-11 XRY v6.3.1			
Case Summary:	SPT-11 Acquire mobile device internal memory and review application related data (i.e., word 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 Jul 10 08:47:04 EDT 2012		
Device:	BlackBerry_Torch		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable		
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jul 10 08:47:04 EDT 2012</p> <p>Acquisition finished: Tue Jul 10 08:48:20 EDT 2012</p> <p>All application data was acquired</p>		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> </tbody> </table>	Assertion & Expected Result	Actual Result
Assertion & Expected Result	Actual Result		

Test Case SPT-11 XRY v6.3.1		
	SPT-CA-27 Acquisition of application related data.	as expected
Analysis:	Expected results achieved	

330

331 5.2.51 SPT-12 (BlackBerry Torch)

Test Case SPT-12 XRY v6.3.1						
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:	Tue Jul 10 08:48:48 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 08:48:48 EDT 2012 Acquisition finished: Tue Jul 10 08:51:09 EDT 2012 All Internet related data was acquired					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-28 Acquisition of Internet related data.</td><td>as expected</td></tr></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					

332

333 5.2.52 SPT-13 (BlackBerry Torch)

Test Case SPT-13 XRY v6.3.1		
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.	
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 10 08:51:39 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 08:51:39 EDT 2012 Acquisition finished: Tue Jul 10 09:10:07 EDT 2012 Acquire All acquisition was successful	
Results:		

Test Case SPT-13 XRY v6.3.1		
	Assertion & Expected Result	Actual Result
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
Analysis:	Expected results achieved	

334

335 5.2.53 SPT-14 (BlackBerry Torch)

Test Case SPT-14 XRY v6.3.1						
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 Jul 10 09:13:46 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 09:13:46 EDT 2012 Acquisition finished: Tue Jul 10 09:15:41 EDT 2012 Media connectivity was established via supported interface					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr></table>		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					

336

337 5.2.54 SPT-15 (BlackBerry Torch)

Test Case SPT-15 XRY v6.3.1						
Case Summary:	SPT-15 Attempt acquisition of a nonsupported SIM.					
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jul 10 09:16:49 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 09:16:49 EDT 2012 Acquisition finished: Tue Jul 10 09:19:02 EDT 2012 Identification of nonsupported media was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-02 Identification of nonsupported SIMs.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of nonsupported SIMs.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-02 Identification of nonsupported SIMs.	as expected					

Test Case SPT-15 XRY v6.3.1	
Analysis:	Expected results achieved

338

339 5.2.55 SPT-16 (BlackBerry Torch)

Test Case SPT-16 XRY v6.3.1					
Case Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jul 10 09:52:43 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 09:52:43 EDT 2012 Acquisition finished: Tue Jul 10 09:53:43 EDT 2012 Media acquisition disruption notification was not successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-03 Notification of SIM acquisition disruption.</td><td>Not as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result				
SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected				
Analysis:	Expected results not achieved				

340

341 5.2.56 SPT-17 (BlackBerry Torch)

Test Case SPT-17 XRY v6.3.1									
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 Jul 10 09:54:29 EDT 2012								
Device:	BlackBerry_Torch								
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB								
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 09:54:29 EDT 2012 Acquisition finished: Tue Jul 10 10:00:46 EDT 2012 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td><td>as expected</td></tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td><td>as expected</td></tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td><td>as expected</td></tr> </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
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								

Test Case SPT-17 XRY v6.3.1		
	SPT-AO-07 Acquisition of MSISDN.	as expected
Analysis:	Expected results achieved	

342

343 5.2.57 SPT-18 (BlackBerry Torch)

Test Case SPT-18 XRY v6.3.1												
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).											
Assertions:	SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.											
Tester Name:	rpa											
Test Host:	Morrisy											
Test Date:	Tue Jul 10 10:02:33 EDT 2012											
Device:	BlackBerry_Torch											
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB											
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:02:33 EDT 2012 Acquisition finished: Tue Jul 10 10:06:43 EDT 2012 All ADNs were acquired											
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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											

344

345 5.2.58 SPT-19 (BlackBerry Torch)

Test Case SPT-19 XRY v6.3.1		
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).	
Assertions:	<p>SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.</p> <p>SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.</p>	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 10 10:07:12 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	

Test Case SPT-19 XRY v6.3.1							
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:07:12 EDT 2012 Acquisition finished: Tue Jul 10 10:09:10 EDT 2012</p> <p>LNDs were acquired Date/Time Stamps correctly reported for LNDs</p>						
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						

346

347 5.2.59 SPT-20 (BlackBerry Torch)

Test Case SPT-20 XRY v6.3.1													
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 Jul 10 10:09:47 EDT 2012												
Device:	BlackBerry_Torch												
Source Setup:	<p>OS: WIN XP v5.1.2600 Interface: USB</p>												
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:09:47 EDT 2012 Acquisition finished: Tue Jul 10 10:12:02 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported</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												

348 **5.2.60 SPT-21 (BlackBerry Torch)**

Test Case SPT-21 XRY v6.3.1						
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 Jul 10 10:12:34 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:12:34 EDT 2012 Acquisition finished: Tue Jul 10 10:14:05 EDT 2012 Deleted text message data was recovered					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td><td>as expected</td></tr></table>		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					

349

350 **5.2.61 SPT-22 (BlackBerry Torch)**

Test Case SPT-22 XRY v6.3.1								
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).							
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.							
Tester Name:	rpa							
Test Host:	Morrisy							
Test Date:	Tue Jul 10 10:16:09 EDT 2012							
Device:	BlackBerry_Torch							
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:16:09 EDT 2012 Acquisition finished: Tue Jul 10 10:18:28 EDT 2012 LOCI data was acquired GPRSLOCI data was acquired							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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							

351

352 5.2.62 SPT-23 (BlackBerry Torch)

Test Case SPT-23 XRY v6.3.1											
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.										
Assertions:	<p>SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).</p> <p>SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Jul 10 10:18:51 EDT 2012										
Device:	BlackBerry_Torch										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jul 10 10:18:51 EDT 2012</p> <p>Acquisition finished: Tue Jul 10 10:21:38 EDT 2012</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-23 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-24 Select-Individual data objects acquisition.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected	SPT-AO-23 Select-All data objects acquisition.	as expected	SPT-AO-24 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-01 SIM connectivity via supported interfaces.	as expected										
SPT-AO-22 Acquire-All data objects acquisition.	as expected										
SPT-AO-23 Select-All data objects acquisition.	as expected										
SPT-AO-24 Select-Individual data objects acquisition.	as expected										
Analysis:	Expected results achieved										

353

354 5.2.63 SPT-24 (BlackBerry Torch)

Test Case SPT-24 XRY v6.3.1	
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Jul 10 10:22:13 EDT 2012
Device:	BlackBerry_Torch
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jul 10 10:22:13 EDT 2012</p> <p>Acquisition finished: Tue Jul 10 10:27:22 EDT 2012</p> <p>Complete representation of known data via generated reports was successful</p>
Results:	

Test Case SPT-24 XRY v6.3.1		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis: Expected results achieved		

355

356 5.2.64 SPT-25 (BlackBerry Torch)

Test Case SPT-25 XRY v6.3.1		
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 Jul 10 10:22:35 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:22:35 EDT 2012 Acquisition finished: Tue Jul 10 10:27:31 EDT 2012 Complete representation of known data via preview pane was successful	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis: Expected results achieved		

357

358 5.2.65 SPT-26 (BlackBerry Torch)

Test Case SPT-26 XRY v6.3.1		
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 Jul 10 10:28:29 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:28:29 EDT 2012 Acquisition finished: Tue Jul 10 10:32:51 EDT 2012 Complete representation of known data via generated reports was successful	
Results:	Assertion & Expected Result	Actual Result

Test Case SPT-26 XRY v6.3.1		
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

359

360 5.2.66 SPT-27 (BlackBerry Torch)

Test Case SPT-27 XRY v6.3.1						
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 Jul 10 10:28:56 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:28:56 EDT 2012 Acquisition finished: Tue Jul 10 10:33:02 EDT 2012 Complete representation of known data via preview pane was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr></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					

361

362 5.2.67 SPT-28 (BlackBerry Torch)

Test Case SPT-28 XRY v6.3.1						
Case Summary:	SPT-28 Attempt acquisition of a password-protected SIM.					
Assertions:	SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jul 10 10:34:47 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:34:47 EDT 2012 Acquisition finished: Tue Jul 10 10:37:39 EDT 2012 Ability to enter PIN on protected media before acquisition was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-28 Acquisition of password protected SIM.</td><td>as expected</td></tr></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					

Test Case SPT-28 XRY v6.3.1	
Analysis:	Expected results achieved

363

364 5.2.68 SPT-29 (BlackBerry Torch)

Test Case SPT-29 XRY v6.3.1					
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jul 10 10:40:31 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:40:31 EDT 2012 Acquisition finished: Tue Jul 10 10:43:47 EDT 2012 Notification of modified device memory data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

365

366 5.2.69 SPT-30 (BlackBerry Torch)

Test Case SPT-30 XRY v6.3.1					
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jul 10 10:35:42 EDT 2012				
Device:	BlackBerry_Torch				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:35:42 EDT 2012 Acquisition finished: Tue Jul 10 10:38:38 EDT 2012 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

367

368

5.2.70 SPT-31 (BlackBerry Torch)

Test Case SPT-31 XRY v6.3.1						
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:	Tue Jul 10 10:41:19 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:41:19 EDT 2012 Acquisition finished: Tue Jul 10 10:43:55 EDT 2012 Physical Acquisition: readability and completeness was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-31 Physical acquisition, data is presented in a useable format.</td><td>as expected</td></tr></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					

5.2.71 SPT-32 (BlackBerry Torch)

Test Case SPT-32 XRY v6.3.1	
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>

Test Case SPT-32 XRY v6.3.1																				
Tester Name:	rpa																			
Test Host:	Morrisy																			
Test Date:	Tue Jul 10 10:41:46 EDT 2012																			
Device:	BlackBerry_Torch																			
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																			
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:41:46 EDT 2012 Acquisition finished: Tue Jul 10 10:44:03 EDT 2012 Deleted address book entries were not recovered - NA Deleted PIM data was recovered Deleted Call log data was not recovered - NA Deleted text message data was not recovered - NA Deleted audio data was recovered Deleted graphic data was recovered Deleted video data was recovered																			
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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>As expected</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>NA</td></tr><tr><td>SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.</td><td>NA</td></tr><tr><td>SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.</td><td>as expected</td></tr><tr><td>SPT-AO-38 Physical acquisition, recovery of deleted graphic files.</td><td>as expected</td></tr><tr><td>SPT-AO-39 Physical acquisition, recovery of deleted video files.</td><td>as expected</td></tr></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.	As expected	SPT-AO-34 Physical acquisition, recovery of deleted call logs.	NA	SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	NA	SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	NA	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
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.	As expected																			
SPT-AO-34 Physical acquisition, recovery of deleted call logs.	NA																			
SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	NA																			
SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	NA																			
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:	Expected results achieved																			

372

373 5.2.72 SPT-33 (BlackBerry Torch)

Test Case SPT-33 XRY v6.3.1		
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.	
Assertions:	<p>SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format.</p> <p>SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.</p>	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 10 10:42:07 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:42:07 EDT 2012 Acquisition finished: Tue Jul 10 10:44:12 EDT 2012</p> <p>Non-ASCII Address book entries were acquired and properly displayed</p>	

Test Case SPT-33 XRY v6.3.1		
	Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

374

375 5.2.73 SPT-34 (BlackBerry Torch)

Test Case SPT-34 XRY v6.3.1								
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.							
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.							
Tester Name:	rpa							
Test Host:	Morrisy							
Test Date:	Tue Jul 10 10:36:16 EDT 2012							
Device:	BlackBerry_Torch							
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:36:16 EDT 2012 Acquisition finished: Tue Jul 10 10:38:50 EDT 2012 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr><tr><td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr></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							

376

377 5.2.74 SPT-35 (BlackBerry Torch)

Test Case SPT-35 XRY v6.3.1		
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 10 10:48:43 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	

Test Case SPT-35 XRY v6.3.1		
Log Highlights:	Created by XRY v6.3.1	
	Acquisition started: Tue Jul 10 10:48:43 EDT 2012 Acquisition finished: Tue Jul 10 10:51:49 EDT 2012	
	The remaining number of PIN attempts were properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Analysis:	Expected results achieved	

378

379 5.2.75 SPT-36 (BlackBerry Torch)

Test Case SPT-36 XRY v6.3.1						
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:	Tue Jul 10 10:50:00 EDT 2012					
Device:	BlackBerry_Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:50:00 EDT 2012 Acquisition finished: Tue Jul 10 10:51:59 EDT 2012 Remaining number of PUK attempts were properly displayed					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-30 Display remaining number of PUK attempts.</td><td>as expected</td></tr></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					

380

381 5.2.76 SPT-38 (BlackBerry Torch)

Test Case SPT-38 XRY v6.3.1		
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 Jul 10 10:53:07 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 10:53:07 EDT 2012 Acquisition finished: Wed Jul 11 06:35:40 EDT 2012 Hash values were properly reported for individually acquired device data	

Test Case SPT-38 XRY v6.3.1		
	elements	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

382

383 5.2.77 SPT-39 (BlackBerry Torch)

Test Case SPT-39 XRY v6.3.1		
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 11 06:36:17 EDT 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jul 11 06:36:17 EDT 2012 Acquisition finished: Wed Jul 11 06:53:44 EDT 2012 Hash values were properly reported for individually acquired SIM data elements	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

384

385 5.2.78 SPT-01 (Samsung Focus)

Test Case SPT-01 XRY v6.3.1		
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).	
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report. SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical	

Test Case SPT-01 XRY v6.3.1															
	acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.														
Tester Name:	rpa														
Test Host:	Morrisy														
Test Date:	Mon Jul 9 10:38:31 EDT 2012														
Device:	Samsung_Focus														
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable														
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 10:38:31 EDT 2012 Acquisition finished: Mon Jul 9 10:40:07 EDT 2012 Device connectivity was established via supported interface														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td><td>as expected</td></tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result														
SPT-CA-01 Device connectivity via supported interfaces.	as expected														
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected														
SPT-CA-29 Acquire-All data objects acquisition.	as expected														
SPT-CA-30 Select-All data objects acquisition.	as expected														
SPT-CA-31 Select-Individual data objects acquisition.	as expected														
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected														
Analysis:	Expected results achieved														

386

387 5.2.79 SPT-02 (Samsung Focus)

Test Case SPT-02 XRY v6.3.1					
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.				
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Jul 9 10:41:45 EDT 2012				
Device:	unsupported_device				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 10:41:45 EDT 2012 Acquisition finished: Mon Jul 9 10:43:24 EDT 2012 Identification of nonsupported 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 nonsupported devices.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of nonsupported devices.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-02 Identification of nonsupported devices.	as expected				
Analysis:	Expected results achieved				

388

389

390 5.2.80 SPT-03 (Samsung Focus)

Test Case SPT-03 XRY v6.3.1					
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 Jul 9 10:44:58 EDT 2012				
Device:	Samsung_Focus				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 10:44:58 EDT 2012 Acquisition finished: Mon Jul 9 10:45:49 EDT 2012 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

391

392 5.2.81 SPT-04 (Samsung Focus)

Test Case SPT-04 XRY v6.3.1					
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview pane or generated reports for readability.				
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Jul 9 10:47:11 EDT 2012				
Device:	Samsung_Focus				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 10:47:11 EDT 2012 Acquisition finished: Mon Jul 9 10:48:46 EDT 2012 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

393

394

395 5.2.82 SPT-10 (Samsung Focus)

Test Case SPT-10 XRY v6.3.1									
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:	Mon Jul 9 11:49:20 EDT 2012								
Device:	Samsung_Focus								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jul 9 11:49:20 EDT 2012</p> <p>Acquisition finished: Mon Jul 9 11:51:21 EDT 2012</p> <p>ALL stand-alone data files (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td><td>as expected</td></tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td><td>as expected</td></tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	as expected								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	as expected								
Analysis:	Expected results achieved								

396

397 5.2.83 SPT-13 (Samsung Focus)

Test Case SPT-13 XRY v6.3.1	
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	<p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p>
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Jul 9 11:51:44 EDT 2012
Device:	Samsung_Focus
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jul 9 11:51:44 EDT 2012</p> <p>Acquisition finished: Mon Jul 9 11:56:03 EDT 2012</p> <p>Acquire All acquisition was successful</p>

Test Case SPT-13 XRY v6.3.1		
Results:		
Analysis:		

398

399 5.2.84 SPT-14 (Samsung Focus)

Test Case SPT-14 XRY v6.3.1						
Case Summary:	SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).					
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 9 12:03:42 EDT 2012					
Device:	Samsung_Focus					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 12:03:42 EDT 2012 Acquisition finished: Mon Jul 9 12:04:49 EDT 2012 Media connectivity was established via supported interface					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr></table>		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					

400

401 5.2.85 SPT-15 (Samsung Focus)

Test Case SPT-15 XRY v6.3.1				
Case Summary:	SPT-15 Attempt acquisition of a nonsupported SIM.			
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Mon Jul 9 12:06:05 EDT 2012			
Device:	Samsung_Focus			
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB			
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 12:06:05 EDT 2012 Acquisition finished: Mon Jul 9 12:08:00 EDT 2012 Identification of nonsupported media was successful			
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr></table>		Assertion & Expected Result	Actual Result
Assertion & Expected Result	Actual Result			

Test Case SPT-15 XRY v6.3.1		
	SPT-AO-02 Identification of nonsupported SIMs.	as expected
Analysis:	Expected results achieved	

402

403 5.2.86 SPT-16 (Samsung Focus)

Test Case SPT-16 XRY v6.3.1						
Case Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.					
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jul 10 09:48:00 EDT 2012					
Device:	BlackBerry Torch					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 10 09:48:00 EDT 2012 Acquisition finished: Mon Jul 10 09:50:15 EDT 2012 Media acquisition disruption notification was not successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-03 Notification of SIM acquisition disruption.</td><td>Not as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result					
SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected					
Analysis:	Expected results not achieved					

404

405 5.2.87 SPT-17 (Samsung Focus)

Test Case SPT-17 XRY v6.3.1						
Case Summary:	SPT-17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).					
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 9 12:15:28 EDT 2012					
Device:	Samsung_Focus					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 12:15:28 EDT 2012 Acquisition finished: Mon Jul 9 12:19:34 EDT 2012 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-04 Acquisition of SPN.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-04 Acquisition of SPN.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-04 Acquisition of SPN.	as expected					

Test Case SPT-17 XRY v6.3.1		
	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	

406

407 5.2.88 SPT-18 (Samsung Focus)

Test Case SPT-18 XRY v6.3.1												
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).											
Assertions:	SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.											
Tester Name:	rpa											
Test Host:	Morrisy											
Test Date:	Mon Jul 9 12:25:13 EDT 2012											
Device:	Samsung_Focus											
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB											
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 12:25:13 EDT 2012 Acquisition finished: Mon Jul 9 12:26:32 EDT 2012 All ADNs were acquired											
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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											

408

409 5.2.89 SPT-19 (Samsung Focus)

Test Case SPT-19 XRY v6.3.1	
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).
Assertions:	<p>SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.</p> <p>SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.</p>
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Jul 9 12:27:41 EDT 2012
Device:	Samsung_Focus

Test Case SPT-19 XRY v6.3.1							
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 12:27:41 EDT 2012 Acquisition finished: Mon Jul 9 12:29:22 EDT 2012 LNDs were acquired Date/Time Stamps correctly reported for LNDs						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-12 Acquisition of LNDs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-13 Acquisition of LND date/time stamps.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-12 Acquisition of LNDs.	as expected	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-12 Acquisition of LNDs.	as expected						
SPT-AO-13 Acquisition of LND date/time stamps.	as expected						
Analysis:	Expected results achieved						

410

411 5.2.90 SPT-20 (Samsung Focus)

Test Case SPT-20 XRY v6.3.1													
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).												
Assertions:	<p>SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.</p> <p>SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.</p> <p>SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.</p> <p>SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.</p> <p>SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.</p>												
Tester Name:	rpa												
Test Host:	Morrisy												
Test Date:	Mon Jul 9 12:30:41 EDT 2012												
Device:	Samsung_Focus												
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB												
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Mon Jul 9 12:30:41 EDT 2012 Acquisition finished: Mon Jul 9 12:47:17 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported</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												

Test Case SPT-20 XRY v6.3.1	
Analysis:	Expected results achieved

412

413 5.2.91 SPT-21 (Samsung Focus)

Test Case SPT-21 XRY v6.3.1					
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).				
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Jul 9 12:50:42 EDT 2012				
Device:	Samsung_Focus				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 12:50:42 EDT 2012 Acquisition finished: Mon Jul 9 12:52:29 EDT 2012 Deleted text message data was recovered				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected				
Analysis:	Expected results achieved				

414

415 5.2.92 SPT-22 (Samsung Focus)

Test Case SPT-22 XRY v6.3.1							
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).						
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GPRSLOCI) shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Mon Jul 9 12:52:55 EDT 2012						
Device:	Samsung_Focus						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 12:52:55 EDT 2012 Acquisition finished: Mon Jul 9 12:56:15 EDT 2012 LOCI data was acquired GPRSLOCI data was acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td><td>as expected</td></tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-20 Acquisition of LOCI information.	as expected						
SPT-AO-21 Acquisition of GPRSLOCI information.	as expected						

Test Case SPT-22 XRY v6.3.1	
Analysis:	Expected results achieved

416

417 5.2.93 SPT-23 (Samsung Focus)

Test Case SPT-23 XRY v6.3.1											
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.										
Assertions:	<p>SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).</p> <p>SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Mon Jul 9 12:57:12 EDT 2012										
Device:	Samsung_Focus										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jul 9 12:57:12 EDT 2012</p> <p>Acquisition finished: Mon Jul 9 12:59:31 EDT 2012</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-23 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-24 Select-Individual data objects acquisition.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected	SPT-AO-23 Select-All data objects acquisition.	as expected	SPT-AO-24 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-01 SIM connectivity via supported interfaces.	as expected										
SPT-AO-22 Acquire-All data objects acquisition.	as expected										
SPT-AO-23 Select-All data objects acquisition.	as expected										
SPT-AO-24 Select-Individual data objects acquisition.	as expected										
Analysis:	Expected results achieved										

418

419 5.2.94 SPT-24 (Samsung Focus)

Test Case SPT-24 XRY v6.3.1	
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Jul 9 13:02:47 EDT 2012
Device:	Samsung_Focus
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jul 9 13:02:47 EDT 2012</p> <p>Acquisition finished: Mon Jul 9 13:03:38 EDT 2012</p>

Test Case SPT-24 XRY v6.3.1		
	Complete representation of known data via generated reports was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

420

421 5.2.95 SPT-25 (Samsung Focus)

Test Case SPT-25 XRY v6.3.1						
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.					
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview pane view.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 9 13:04:06 EDT 2012					
Device:	Samsung_Focus					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:04:06 EDT 2012 Acquisition finished: Mon Jul 9 13:06:18 EDT 2012 Complete representation of known data via preview pane was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr></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					

422

423 5.2.96 SPT-26 (Samsung Focus)

Test Case SPT-26 XRY v6.3.1		
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 9 13:07:04 EDT 2012	
Device:	Samsung_Focus	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:07:04 EDT 2012 Acquisition finished: Mon Jul 9 13:08:25 EDT 2012 Complete representation of known data via generated reports was successful	

Test Case SPT-26 XRY v6.3.1		
Results:	Assertion & Expected Result	
	Actual Result	
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

424

425 5.2.97 SPT-27 (Samsung Focus)

Test Case SPT-27 XRY v6.3.1		
Case Summary:	SPT-27 Acquire SIM memory and review reported data via the preview-pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 9 13:09:10 EDT 2012	
Device:	Samsung_Focus	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:09:10 EDT 2012 Acquisition finished: Mon Jul 9 13:10:10 EDT 2012 Complete representation of known data via preview pane was successful	
Results:	Assertion & Expected Result	
	Actual Result	
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

426

427 5.2.98 SPT-28 (Samsung Focus)

Test Case SPT-28 XRY v6.3.1		
Case Summary:	SPT-28 Attempt acquisition of a password-protected SIM.	
Assertions:	SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 9 13:10:50 EDT 2012	
Device:	Samsung_Focus	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:10:50 EDT 2012 Acquisition finished: Mon Jul 9 13:12:37 EDT 2012 Ability to enter PIN on protected media before acquisition was successful	
Results:	Assertion & Expected Result	
	Actual Result	

Test Case SPT-28 XRY v6.3.1		
	SPT-AO-28 Acquisition of password word protected SIM.	as expected
Analysis:	Expected results achieved	

428

429 5.2.99 SPT-29 (Samsung Focus)

Test Case SPT-29 XRY v6.3.1						
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.					
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 9 13:14:10 EDT 2012					
Device:	Samsung_Focus					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:14:10 EDT 2012 Acquisition finished: Mon Jul 9 13:15:14 EDT 2012 Notification of modified device memory data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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					

430

431 5.2.100 SPT-30 (Samsung Focus)

Test Case SPT-30 XRY v6.3.1						
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.					
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 9 13:16:01 EDT 2012					
Device:	Samsung_Focus					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:16:01 EDT 2012 Acquisition finished: Mon Jul 9 13:19:14 EDT 2012 Notification of modified SIM data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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					

432

433 **5.2.101 SPT-34 (Samsung Focus)**

Test Case SPT-34 XRY v6.3.1							
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.						
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Mon Jul 9 13:20:13 EDT 2012						
Device:	Samsung_Focus						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:20:13 EDT 2012 Acquisition finished: Mon Jul 9 13:24:02 EDT 2012 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

434

435 **5.2.102 SPT-35 (Samsung Focus)**

Test Case SPT-35 XRY v6.3.1					
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.				
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Jul 9 13:24:30 EDT 2012				
Device:	Samsung_Focus				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:24:30 EDT 2012 Acquisition finished: Mon Jul 9 13:28:00 EDT 2012 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				

436

437 **5.2.103 SPT-36 (Samsung Focus)**

Test Case SPT-36 XRY v6.3.1						
Case Summary:	SPT-36 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.					
Assertions:	SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 9 13:28:35 EDT 2012					
Device:	Samsung_Focus					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:28:35 EDT 2012 Acquisition finished: Mon Jul 9 13:35:33 EDT 2012 Remaining number of PUK attempts were properly displayed					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-30 Display remaining number of PUK attempts.</td><td>as expected</td></tr></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					

438

439 **5.2.104 SPT-38 (Samsung Focus)**

Test Case SPT-38 XRY v6.3.1						
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects.					
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 9 13:36:06 EDT 2012					
Device:	Samsung_Focus					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:36:06 EDT 2012 Acquisition finished: Mon Jul 9 13:38:09 EDT 2012 Hash values were properly reported for individually acquired device data elements					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr></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					

440

441

442 **5.2.105 SPT-39 (Samsung Focus)**

Test Case SPT-39 XRY v6.3.1		
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 9 13:38:53 EDT 2012	
Device:	Samsung_Focus	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 9 13:38:53 EDT 2012 Acquisition finished: Mon Jul 9 13:42:42 EDT 2012 Hash values were properly reported for individually acquired SIM data elements	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

443

444 **5.2.106 SPT-01 (Nokia 6350)**

Test Case SPT-01 XRY v6.3.1		
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).	
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 2 07:39:51 EDT 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Mon Jul 2 07:39:51 EDT 2012 Acquisition finished: Mon Jul 2 07:41:22 EDT 2012</p>	

Test Case SPT-01 XRY v6.3.1																
	Device connectivity was established via supported interface															
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-01 Device connectivity via supported interfaces.</td><td>as expected</td></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr><tr><td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
	Assertion & Expected Result	Actual Result														
	SPT-CA-01 Device connectivity via supported interfaces.	as expected														
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected														
	SPT-CA-29 Acquire-All data objects acquisition.	as expected														
	SPT-CA-30 Select-All data objects acquisition.	as expected														
	SPT-CA-31 Select-Individual data objects acquisition.	as expected														
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected														
Analysis:		Expected results achieved														

445

446 5.2.107 SPT-02 (Nokia 6350)

Test Case SPT-02 XRY v6.3.1						
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.					
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 07:42:16 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 07:42:16 EDT 2012 Acquisition finished: Mon Jul 2 07:43:51 EDT 2012 Identification of nonsupported devices was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-02 Identification of nonsupported devices.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of nonsupported devices.	as expected
Assertion & Expected Result	Actual Result					
SPT-CA-02 Identification of nonsupported devices.	as expected					
Analysis:	Expected results achieved					

447

448 5.2.108 SPT-03 (Nokia 6350)

Test Case SPT-03 XRY v6.3.1		
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 Jul 2 07:47:58 EDT 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log	Created by XRY v6.3.1	

Test Case SPT-03 XRY v6.3.1		
Highlights:	Acquisition started: Mon Jul 2 07:47:58 EDT 2012 Acquisition finished: Mon Jul 2 07:50:58 EDT 2012 Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-03 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

449

450 5.2.109 SPT-04 (Nokia 6350)

Test Case SPT-04 XRY v6.3.1						
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview pane or generated reports for readability.					
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 07:51:54 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 07:51:54 EDT 2012 Acquisition finished: Mon Jul 2 07:56:51 EDT 2012 Readability and completeness of acquired data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr></table>		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					

451

452 5.2.110 SPT-05 (Nokia 6350)

Test Case SPT-05 XRY v6.3.1		
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 Jul 2 07:57:21 EDT 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log	Created by XRY v6.3.1	

Test Case SPT-05 XRY v6.3.1							
Highlights:	Acquisition started: Mon Jul 2 07:57:21 EDT 2012 Acquisition finished: Mon Jul 2 07:59:59 EDT 2012 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-05 Acquisition of MSISDN, IMSI.</td><td>as expected</td></tr> <tr> <td>SPT-CA-06 Acquisition of IMEI/MEID/ESN.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected						
SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected						
Analysis:	Expected results achieved						

453

454 5.2.111 SPT-06 (Nokia 6350)

Test Case SPT-06 XRY v6.3.1											
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 Jul 2 08:00:34 EDT 2012										
Device:	Nokia6350										
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable										
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jul 2 08:00:34 EDT 2012</p> <p>Acquisition finished: Mon Jul 2 08:06:58 EDT 2012</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td><td>as expected</td></tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td><td>as expected</td></tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td><td>as expected</td></tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td><td>as expected</td></tr> </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
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										

Test Case SPT-06 XRY v6.3.1		
	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	

455

456 5.2.112 SPT-07 (Nokia 6350)

Test Case SPT-07 XRY v6.3.1								
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.							
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.							
Tester Name:	rpa							
Test Host:	Morrisy							
Test Date:	Mon Jul 2 08:07:56 EDT 2012							
Device:	Nokia6350							
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 08:07:56 EDT 2012 Acquisition finished: Mon Jul 2 08:11:57 EDT 2012 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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							

457

458 5.2.113 SPT-08 (Nokia 6350)

Test Case SPT-08 XRY v6.3.1		
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 Case SPT-08 XRY v6.3.1											
Test Date:	Mon Jul 2 08:12:39 EDT 2012										
Device:	Nokia6350										
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable										
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 08:12:39 EDT 2012 Acquisition finished: Mon Jul 2 08:15:22 EDT 2012 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td><td>as expected</td></tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td><td>as expected</td></tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

459

460 5.2.114 SPT-09 (Nokia 6350)

Test Case SPT-09 XRY v6.3.1									
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).								
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Mon Jul 2 08:16:30 EDT 2012								
Device:	Nokia6350								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 08:16:30 EDT 2012 Acquisition finished: Mon Jul 2 08:19:06 EDT 2012 ALL MMS messages (Audio, Image, Video) were acquired								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-21 Acquisition of audio MMS messages.	as expected	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected	SPT-CA-23 Acquisition of video MMS messages.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected								
SPT-CA-23 Acquisition of video MMS messages.	as expected								
Analysis:	Expected results achieved								

461

462 **5.2.115 SPT-10 (Nokia 6350)**

Test Case SPT-10 XRY v6.3.1									
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:	Mon Jul 2 08:19:34 EDT 2012								
Device:	Nokia6350								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jul 2 08:19:34 EDT 2012</p> <p>Acquisition finished: Mon Jul 2 08:20:51 EDT 2012</p> <p>ALL stand-alone data files (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td><td>as expected</td></tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td><td>as expected</td></tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	as expected								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	as expected								
Analysis:	Expected results achieved								

463

464 **5.2.116 SPT-11 (Nokia 6350)**

Test Case SPT-11 XRY v6.3.1			
Case Summary:	SPT-11 Acquire mobile device internal memory and review application related data (i.e., word word documents, spreadsheet, presentation documents).		
Assertions:	SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 2 08:21:32 EDT 2012		
Device:	Nokia6350		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable		
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jul 2 08:21:32 EDT 2012</p> <p>Acquisition finished: Mon Jul 2 08:24:22 EDT 2012</p> <p>All application data was acquired</p>		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> </tbody> </table>	Assertion & Expected Result	Actual Result
Assertion & Expected Result	Actual Result		

Test Case SPT-11 XRY v6.3.1		
	SPT-CA-27 Acquisition of application related data.	as expected
Analysis:	Expected results achieved	

465

466 5.2.117 SPT-13 (Nokia 6350)

Test Case SPT-13 XRY v6.3.1										
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.									
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.									
Tester Name:	rpa									
Test Host:	Morrisy									
Test Date:	Mon Jul 2 08:28:55 EDT 2012									
Device:	Nokia6350									
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable									
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 08:28:55 EDT 2012 Acquisition finished: Mon Jul 2 08:30:07 EDT 2012 Acquire All acquisition was successful									
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result									
SPT-CA-29 Acquire-All data objects acquisition.	as expected									
SPT-CA-30 Select-All data objects acquisition.	as expected									
SPT-CA-31 Select-Individual data objects acquisition.	as expected									
Analysis:	Expected results achieved									

467

468 5.2.118 SPT-14 (Nokia 6350)

Test Case SPT-14 XRY v6.3.1		
Case Summary:	SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 2 08:31:42 EDT 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jul 2 08:31:42 EDT 2012</p> <p>Acquisition finished: Mon Jul 2 08:33:07 EDT 2012</p> <p>Media connectivity was established via supported interface</p>	

Test Case SPT-14 XRY v6.3.1					
Results:					
	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr></table>	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				

469

470 5.2.119 SPT-15 (Nokia 6350)

Test Case SPT-15 XRY v6.3.1						
Case Summary:	SPT-15 Attempt acquisition of a nonsupported SIM.					
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 08:34:54 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 08:34:54 EDT 2012 Acquisition finished: Mon Jul 2 08:36:58 EDT 2012 Identification of nonsupported media was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-02 Identification of nonsupported SIMs.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of nonsupported SIMs.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-02 Identification of nonsupported SIMs.	as expected					
Analysis:	Expected results achieved					

471

472 5.2.120 SPT-16 (Nokia 6350)

Test Case SPT-16 XRY v6.3.1						
Case Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.					
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 08:38:47 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 08:38:47 EDT 2012 Acquisition finished: Mon Jul 2 08:39:29 EDT 2012 Media acquisition disruption notification was not successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-03 Notification of SIM acquisition disruption.</td><td>Not as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result					
SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected					
Analysis:	Expected results not achieved					

473

474 **5.2.121 SPT-17 (Nokia 6350)**

Test Case SPT-17 XRY v6.3.1											
Case Summary:	SPT-17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).										
Assertions:	SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Mon Jul 2 08:42:32 EDT 2012										
Device:	Nokia6350										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 08:42:32 EDT 2012 Acquisition finished: Mon Jul 2 08:57:07 EDT 2012 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td><td>as expected</td></tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td><td>as expected</td></tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td><td>as expected</td></tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-04 Acquisition of SPN.	as expected	SPT-AO-05 Acquisition of ICCID.	as expected	SPT-AO-06 Acquisition of IMSI.	as expected	SPT-AO-07 Acquisition of MSISDN.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-04 Acquisition of SPN.	as expected										
SPT-AO-05 Acquisition of ICCID.	as expected										
SPT-AO-06 Acquisition of IMSI.	as expected										
SPT-AO-07 Acquisition of MSISDN.	as expected										
Analysis:	Expected results achieved										

475

476 **5.2.122 SPT-18 (Nokia 6350)**

Test Case SPT-18 XRY v6.3.1	
Case Summary:	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).
Assertions:	SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Jul 2 09:03:47 EDT 2012
Device:	Nokia6350
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 09:03:47 EDT 2012 Acquisition finished: Mon Jul 2 09:08:14 EDT 2012

Test Case SPT-18 XRY v6.3.1												
	All ADNs were acquired											
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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											

477

478 5.2.123 SPT-19 (Nokia 6350)

Test Case SPT-19 XRY v6.3.1								
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).							
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.							
Tester Name:	rpa							
Test Host:	Morrisy							
Test Date:	Mon Jul 2 09:09:34 EDT 2012							
Device:	Nokia6350							
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 09:09:34 EDT 2012 Acquisition finished: Mon Jul 2 09:11:30 EDT 2012 LNDs were acquired Date/Time Stamps correctly reported for LNDs							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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							

479

480 5.2.124 SPT-20 (Nokia 6350)

Test Case SPT-20 XRY v6.3.1		
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</p>	

Test Case SPT-20 XRY v6.3.1														
	SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.													
Tester Name:	rpa													
Test Host:	Morrisy													
Test Date:	Mon Jul 2 09:12:05 EDT 2012													
Device:	Nokia6350													
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB													
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 09:12:05 EDT 2012 Acquisition finished: Mon Jul 2 09:14:04 EDT 2012 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported													
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-14 Acquisition of SMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-15 Acquisition of EMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-16 Acquisition of text message date/time stamps.</td><td>as expected</td></tr><tr><td>SPT-AO-17 Acquisition of text message status flags.</td><td>as expected</td></tr><tr><td>SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.</td><td>as expected</td></tr></table>		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													

481

482 5.2.125 SPT-21 (Nokia 6350)

Test Case SPT-21 XRY v6.3.1						
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).					
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 09:15:13 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 09:15:13 EDT 2012 Acquisition finished: Mon Jul 2 09:17:42 EDT 2012 Deleted text message data was recovered					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td><td>as expected</td></tr></table>		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					

483

484 **5.2.126 SPT-22 (Nokia 6350)**

Test Case SPT-22 XRY v6.3.1							
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).						
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GPRSLOCI) shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Mon Jul 2 09:18:07 EDT 2012						
Device:	Nokia6350						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 09:18:07 EDT 2012 Acquisition finished: Mon Jul 2 09:47:46 EDT 2012 LOCI data was acquired GPRSLOCI data was acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td><td>as expected</td></tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-20 Acquisition of LOCI information.	as expected						
SPT-AO-21 Acquisition of GPRSLOCI information.	as expected						
Analysis:	Expected results achieved						

485

486 **5.2.127 SPT-23 (Nokia 6350)**

Test Case SPT-23 XRY v6.3.1	
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Jul 2 09:53:22 EDT 2012
Device:	Nokia6350
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 09:53:22 EDT 2012 Acquisition finished: Mon Jul 2 09:55:09 EDT 2012 Acquire All acquisition was successful
Results:	

Test Case SPT-23 XRY v6.3.1		
	Assertion & Expected Result	Actual Result
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
	SPT-AO-22 Acquire-All data objects acquisition.	as expected
	SPT-AO-23 Select-All data objects acquisition.	as expected
	SPT-AO-24 Select-Individual data objects acquisition.	as expected
Analysis:	Expected results achieved	

487

488 5.2.128 SPT-24 (Nokia 6350)

Test Case SPT-24 XRY v6.3.1						
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.					
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 10:03:36 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:03:36 EDT 2012 Acquisition finished: Mon Jul 2 10:06:07 EDT 2012 Complete representation of known data via generated reports was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-25 Comparison of known device data elements via generated reports.</td><td>as expected</td></tr></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					

489

490 5.2.129 SPT-25 (Nokia 6350)

Test Case SPT-25 XRY v6.3.1		
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 2 10:04:08 EDT 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:04:08 EDT 2012 Acquisition finished: Mon Jul 2 10:06:26 EDT 2012 Complete representation of known data via preview pane was successful	
Results:		

Test Case SPT-25 XRY v6.3.1		
	Assertion & Expected Result	Actual Result
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

491

492 5.2.130 SPT-26 (Nokia 6350)

Test Case SPT-26 XRY v6.3.1		
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 2 10:07:31 EDT 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:07:31 EDT 2012 Acquisition finished: Mon Jul 2 10:12:52 EDT 2012 Complete representation of known data via generated reports was successful	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

493

494 5.2.131 SPT-27 (Nokia 6350)

Test Case SPT-27 XRY v6.3.1		
Case Summary:	SPT-27 Acquire SIM memory and review reported data via the preview-pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 2 10:07:55 EDT 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:07:55 EDT 2012 Acquisition finished: Mon Jul 2 10:13:15 EDT 2012 Complete representation of known data via preview pane was successful	
Results:	Assertion & Expected Result	Actual Result

Test Case SPT-27 XRY v6.3.1		
	SPT-AO-26 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

495

496 5.2.132 SPT-28 (Nokia 6350)

Test Case SPT-28 XRY v6.3.1						
Case Summary:	SPT-28 Attempt acquisition of a password-protected SIM.					
Assertions:	SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 10:16:02 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:16:02 EDT 2012 Acquisition finished: Mon Jul 2 10:18:26 EDT 2012 Ability to enter PIN on protected media before acquisition was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-28 Acquisition of pass word protected SIM.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-28 Acquisition of pass word protected SIM.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-28 Acquisition of pass word protected SIM.	as expected					
Analysis:	Expected results achieved					

497

498 5.2.133 SPT-29 (Nokia 6350)

Test Case SPT-29 XRY v6.3.1						
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.					
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 10:19:18 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:19:18 EDT 2012 Acquisition finished: Mon Jul 2 10:21:57 EDT 2012 Notification of modified device memory data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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					

499

500 **5.2.134 SPT-30 (Nokia 6350)**

Test Case SPT-30 XRY v6.3.1					
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Jul 2 10:23:08 EDT 2012				
Device:	Nokia6350				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:23:08 EDT 2012 Acquisition finished: Mon Jul 2 10:24:37 EDT 2012 Notification of modified SIM data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-27 Notification of modified device case data.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-27 Notification of modified device case data.	as expected				
Analysis:	Expected results achieved				

501

502 **5.2.135 SPT-33 (Nokia 6350)**

Test Case SPT-33 XRY v6.3.1							
Case Summary:	SPT-33 Acquire mobile device internal memory and review data containing non-ASCII characters.						
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Mon Jul 2 10:26:20 EDT 2012						
Device:	Nokia6350						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:26:20 EDT 2012 Acquisition finished: Mon Jul 2 10:27:56 EDT 2012 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

503

504 **5.2.136 SPT-34 (Nokia 6350)**

Test Case SPT-34 XRY v6.3.1								
Case Summary:	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.							
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.							
Tester Name:	rpa							
Test Host:	Morrisy							
Test Date:	Mon Jul 2 10:28:29 EDT 2012							
Device:	Nokia6350							
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:28:29 EDT 2012 Acquisition finished: Mon Jul 2 10:31:25 EDT 2012 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr><tr><td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr></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							

505

506 **5.2.137 SPT-35 (Nokia 6350)**

Test Case SPT-35 XRY v6.3.1						
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.					
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 10:32:34 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:32:34 EDT 2012 Acquisition finished: Mon Jul 2 10:34:31 EDT 2012 The remaining number of PIN attempts were properly displayed					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-29 Display remaining number of PIN attempts.</td><td>as expected</td></tr></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					

507

508 **5.2.138 SPT-36 (Nokia 6350)**

Test Case SPT-36 XRY v6.3.1					
Case Summary:	SPT-36 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.				
Assertions:	SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Jul 2 10:32:57 EDT 2012				
Device:	Nokia6350				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:32:57 EDT 2012 Acquisition finished: Mon Jul 2 10:34:48 EDT 2012 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				

509

510 **5.2.139 SPT-38 (Nokia 6350)**

Test Case SPT-38 XRY v6.3.1					
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects.				
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Mon Jul 2 10:38:11 EDT 2012				
Device:	Nokia6350				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:38:11 EDT 2012 Acquisition finished: Mon Jul 2 10:39:31 EDT 2012 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

511

512

513 **5.2.140 SPT-39 (Nokia 6350)**

Test Case SPT-39 XRY v6.3.1						
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor supported data objects.					
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Mon Jul 2 10:40:53 EDT 2012					
Device:	Nokia6350					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jul 2 10:40:53 EDT 2012 Acquisition finished: Mon Jul 2 10:42:54 EDT 2012 Hash values were properly reported for individually acquired SIM data elements					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr></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					

514

515 **5.2.141 SPT-01 (Motorola Tundra)**

Test Case SPT-01 XRY v6.3.1		
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).	
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jul 2 13:08:58 EDT 2012	
Device:	Moto_Tundra	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Mon Jul 2 13:08:58 EDT 2012 Acquisition finished: Mon Jul 2 14:36:51 EDT 2012</p>	

Test Case SPT-01 XRY v6.3.1		
	Device Connectivity was not established via supported interface	
Results:	Assertion & Expected Result	
	Actual Result	
	SPT-CA-01 Device connectivity via supported interfaces.	Not as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	NA
	SPT-CA-29 Acquire-All data objects acquisition.	NA
	SPT-CA-30 Select-All data objects acquisition.	NA
	SPT-CA-31 Select-Individual data objects acquisition.	NA
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	NA
Analysis:	Expected results not achieved	

516

517 5.2.142 SPT-14 (Motorola Tundra)

Test Case SPT-14 XRY v6.3.1						
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 Jul 3 08:04:53 EDT 2012					
Device:	Moto_Tundra					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 08:04:53 EDT 2012 Acquisition finished: Tue Jul 3 08:06:16 EDT 2012 Media connectivity was established via supported interface					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr></table>		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					

518

519 5.2.143 SPT-15 (Motorola Tundra)

Test Case SPT-15 XRY v6.3.1		
Case Summary:	SPT-15 Attempt acquisition of a nonsupported SIM.	
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 3 08:09:19 EDT 2012	
Device:	Moto_Tundra	

Test Case SPT-15 XRY v6.3.1						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 08:09:19 EDT 2012 Acquisition finished: Tue Jul 3 08:10:23 EDT 2012 Identification of nonsupported media was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-02 Identification of nonsupported SIMs.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of nonsupported SIMs.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-02 Identification of nonsupported SIMs.	as expected					
Analysis:	Expected results achieved					

520

521 5.2.144 SPT-16 (Motorola Tundra)

Test Case SPT-16 XRY v6.3.1						
Case Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.					
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jul 3 08:13:32 EDT 2012					
Device:	Moto_Tundra					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 08:13:32 EDT 2012 Acquisition finished: Tue Jul 3 08:14:12 EDT 2012 Media acquisition disruption notification was not successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-03 Notification of SIM acquisition disruption.</td><td>Not as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result					
SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected					
Analysis:	Expected results not achieved					

522

523 5.2.145 SPT-17 (Motorola Tundra)

Test Case SPT-17 XRY v6.3.1		
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 Jul 3 08:19:55 EDT 2012	
Device:	Moto_Tundra	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	

Test Case SPT-17 XRY v6.3.1											
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 08:19:55 EDT 2012 Acquisition finished: Tue Jul 3 08:30:46 EDT 2012 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td><td>as expected</td></tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td><td>as expected</td></tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td><td>as expected</td></tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-04 Acquisition of SPN.	as expected	SPT-AO-05 Acquisition of ICCID.	as expected	SPT-AO-06 Acquisition of IMSI.	as expected	SPT-AO-07 Acquisition of MSISDN.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-04 Acquisition of SPN.	as expected										
SPT-AO-05 Acquisition of ICCID.	as expected										
SPT-AO-06 Acquisition of IMSI.	as expected										
SPT-AO-07 Acquisition of MSISDN.	as expected										
Analysis:	Expected results achieved										

524

525 5.2.146 SPT-18 (Motorola Tundra)

Test Case SPT-18 XRY v6.3.1											
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 Jul 3 08:31:40 EDT 2012										
Device:	Moto_Tundra										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 08:31:40 EDT 2012 Acquisition finished: Tue Jul 3 08:34:46 EDT 2012 All ADNs were acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-08 Acquisition of ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-09 Acquisition of maximum length ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-10 Acquisition of special character ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-11 Acquisition of blank name ADNs.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-08 Acquisition of ADNs.	as expected	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	SPT-AO-10 Acquisition of special character ADNs.	as expected	SPT-AO-11 Acquisition of blank name ADNs.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-08 Acquisition of ADNs.	as expected										
SPT-AO-09 Acquisition of maximum length ADNs.	as expected										
SPT-AO-10 Acquisition of special character ADNs.	as expected										
SPT-AO-11 Acquisition of blank name ADNs.	as expected										
Analysis:	Expected results achieved										

526

527

528

529 5.2.147 SPT-19 (Motorola Tundra)

Test Case SPT-19 XRY v6.3.1

Test Case SPT-19 XRY v6.3.1							
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).						
Assertions:	<p>SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.</p> <p>SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.</p>						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jul 3 08:35:36 EDT 2012						
Device:	Moto_Tundra						
Source Setup:	<p>OS: WIN XP v5.1.2600</p> <p>Interface: USB</p>						
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jul 3 08:35:36 EDT 2012</p> <p>Acquisition finished: Tue Jul 3 08:37:32 EDT 2012</p> <p>LNDs were acquired</p> <p>Date/Time Stamps correctly reported for LNDs</p>						
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						

530

531 5.2.148 SPT-20 (Motorola Tundra)

Test Case SPT-20 XRY v6.3.1	
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 Jul 3 08:37:58 EDT 2012
Device:	Moto_Tundra
Source Setup:	<p>OS: WIN XP v5.1.2600</p> <p>Interface: USB</p>
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jul 3 08:37:58 EDT 2012</p> <p>Acquisition finished: Tue Jul 3 08:43:32 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>All date/time stamps were reported for text messages</p> <p>Correct status flags were reported for text messages</p> <p>Sender and Recipient phone numbers associated with text messages were</p>

Test Case SPT-20 XRY v6.3.1														
	correctly reported													
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-14 Acquisition of SMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-15 Acquisition of EMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-16 Acquisition of text message date/time stamps.</td><td>as expected</td></tr><tr><td>SPT-AO-17 Acquisition of text message status flags.</td><td>as expected</td></tr><tr><td>SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.</td><td>as expected</td></tr></table>		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													

532

533 5.2.149 SPT-21 (Motorola Tundra)

Test Case SPT-21 XRY v6.3.1						
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 Jul 3 08:44:28 EDT 2012					
Device:	Moto_Tundra					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 08:44:28 EDT 2012 Acquisition finished: Tue Jul 3 08:45:55 EDT 2012 Deleted text message data was recovered					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td><td>as expected</td></tr></table>		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					

534

535 5.2.150 SPT-22 (Motorola Tundra)

Test Case SPT-22 XRY v6.3.1		
Case Summary:	SPT-22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	
Assertions:	<p>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.</p> <p>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.</p>	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jul 3 08:46:49 EDT 2012	
Device:	Moto_Tundra	
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB	

Test Case SPT-22 XRY v6.3.1							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 08:46:49 EDT 2012 Acquisition finished: Tue Jul 3 09:21:03 EDT 2012 LOCI data was acquired GPRSLOCI data was acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td><td>as expected</td></tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-20 Acquisition of LOCI information.	as expected						
SPT-AO-21 Acquisition of GPRSLOCI information.	as expected						
Analysis:	Expected results achieved						

536

537 5.2.151 SPT-23 (Motorola Tundra)

Test Case SPT-23 XRY v6.3.1											
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.										
Assertions:	<p>SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).</p> <p>SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Tue Jul 3 09:22:19 EDT 2012										
Device:	Moto_Tundra										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 09:22:19 EDT 2012 Acquisition finished: Tue Jul 3 09:24:21 EDT 2012 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-23 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-24 Select-Individual data objects acquisition.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected	SPT-AO-23 Select-All data objects acquisition.	as expected	SPT-AO-24 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-01 SIM connectivity via supported interfaces.	as expected										
SPT-AO-22 Acquire-All data objects acquisition.	as expected										
SPT-AO-23 Select-All data objects acquisition.	as expected										
SPT-AO-24 Select-Individual data objects acquisition.	as expected										
Analysis:	Expected results achieved										

538

539

540 5.2.152 SPT-26 (Motorola Tundra)

Test Case SPT-26 XRY v6.3.1	
Case	SPT-26 Acquire SIM memory and review reported data via supported generated

Test Case SPT-26 XRY v6.3.1						
Summary:	report formats.					
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jul 3 09:24:53 EDT 2012					
Device:	Moto_Tundra					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 09:24:53 EDT 2012 Acquisition finished: Tue Jul 3 09:33:16 EDT 2012 Complete representation of known data via generated reports was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-25 Comparison of known device data elements via generated reports.</td><td>as expected</td></tr></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					

541

542 5.2.153 SPT-27 (Motorola Tundra)

Test Case SPT-27 XRY v6.3.1						
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 Jul 3 09:33:42 EDT 2012					
Device:	Moto_Tundra					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 09:33:42 EDT 2012 Acquisition finished: Tue Jul 3 09:38:34 EDT 2012 Complete representation of known data via preview pane was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr></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					

543

544

545 5.2.154 SPT-28 (Motorola Tundra)

Test Case SPT-28 XRY v6.3.1	
Case Summary:	SPT-28 Attempt acquisition of a password-protected SIM.

Test Case SPT-28 XRY v6.3.1						
Assertions:	SPT-AO-28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jul 3 09:39:22 EDT 2012					
Device:	Moto_Tundra					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 09:39:22 EDT 2012 Acquisition finished: Tue Jul 3 09:44:56 EDT 2012 Ability to enter PIN on protected media before acquisition was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-28 Acquisition of password protected SIM.</td><td>as expected</td></tr></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					

546

547 5.2.155 SPT-30 (Motorola Tundra)

Test Case SPT-30 XRY v6.3.1						
Case Summary:	SPT-30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.					
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Tue Jul 3 09:46:06 EDT 2012					
Device:	Moto_Tundra					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 09:46:06 EDT 2012 Acquisition finished: Tue Jul 3 09:48:36 EDT 2012 Notification of modified SIM data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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					

548

549 5.2.156 SPT-34 (Motorola Tundra)

Test Case SPT-34 XRY v6.3.1		
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.	

Test Case SPT-34 XRY v6.3.1							
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jul 3 09:49:17 EDT 2012						
Device:	Moto_Tundra						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 09:49:17 EDT 2012 Acquisition finished: Tue Jul 3 09:51:24 EDT 2012 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

550

551 5.2.157 SPT-35 (Motorola Tundra)

Test Case SPT-35 XRY v6.3.1					
Case Summary:	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.				
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jul 3 09:52:14 EDT 2012				
Device:	Moto_Tundra				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 09:52:14 EDT 2012 Acquisition finished: Tue Jul 3 09:53:39 EDT 2012 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				

552

553 5.2.158 SPT-36 (Motorola Tundra)

Test Case SPT-36 XRY v6.3.1	
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.

Test Case SPT-36 XRY v6.3.1					
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jul 3 09:54:17 EDT 2012				
Device:	Moto_Tundra				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 09:54:17 EDT 2012 Acquisition finished: Tue Jul 3 09:58:00 EDT 2012 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				

554

555 5.2.159 SPT-39 (Motorola Tundra)

Test Case SPT-39 XRY v6.3.1					
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor supported data objects.				
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jul 3 09:58:28 EDT 2012				
Device:	Moto_Tundra				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jul 3 09:58:28 EDT 2012 Acquisition finished: Mon Jul 9 06:58:01 EDT 2012 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

556

557 5.2.160 SPT-01 (HTC Tilt2)

Test Case SPT-01 XRY v6.3.1	
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report. SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire

Test Case SPT-01 XRY v6.3.1																
	All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.															
Tester Name:	rpa															
Test Host:	Morrisy															
Test Date:	Thu Jun 28 07:55:49 EDT 2012															
Device:	HTC_Tilt2															
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable															
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 07:55:49 EDT 2012 Acquisition finished: Thu Jun 28 08:14:12 EDT 2012 Device connectivity was established via supported interface															
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-01 Device connectivity via supported interfaces.</td><td>as expected</td></tr><tr><td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr><tr><td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result															
SPT-CA-01 Device connectivity via supported interfaces.	as expected															
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected															
SPT-CA-29 Acquire-All data objects acquisition.	as expected															
SPT-CA-30 Select-All data objects acquisition.	as expected															
SPT-CA-31 Select-Individual data objects acquisition.	as expected															
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected															
Analysis:	Expected results achieved															

558

559 5.2.161 SPT-02 (HTC Tilt2)

Test Case SPT-02 XRY v6.3.1						
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.					
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Thu Jun 28 08:16:57 EDT 2012					
Device:	unsupported_device					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 08:16:57 EDT 2012 Acquisition finished: Thu Jun 28 08:36:36 EDT 2012 Identification of nonsupported devices was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-02 Identification of nonsupported devices.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of nonsupported devices.	as expected
Assertion & Expected Result	Actual Result					
SPT-CA-02 Identification of nonsupported devices.	as expected					

Test Case SPT-02 XRY v6.3.1	
Analysis:	Expected results achieved

560

561 5.2.162 SPT-03 (HTC Tilt2)

Test Case SPT-03 XRY v6.3.1					
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Thu Jun 28 10:18:07 EDT 2012				
Device:	HTC_Tilt2				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 10:18:07 EDT 2012 Acquisition finished: Thu Jun 28 12:17:32 EDT 2012 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-03 Notification of device acquisition disruption.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-03 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

562

563 5.2.163 SPT-04 (HTC Tilt2)

Test Case SPT-04 XRY v6.3.1					
Case Summary:	SPT-04 Acquire mobile device internal memory and review reported data via the preview pane or generated reports for readability.				
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Thu Jun 28 12:17:55 EDT 2012				
Device:	HTC_Tilt2				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 12:17:55 EDT 2012 Acquisition finished: Thu Jun 28 12:24:22 EDT 2012 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				

Test Case SPT-04 XRY v6.3.1	
Analysis:	Expected results achieved

564

565 5.2.164 SPT-05 (HTC Tilt2)

Test Case SPT-05 XRY v6.3.1							
Case Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).						
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Thu Jun 28 12:24:45 EDT 2012						
Device:	HTC_Tilt2						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 12:24:45 EDT 2012 Acquisition finished: Thu Jun 28 12:44:08 EDT 2012 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						

566

567 5.2.165 SPT-06 (HTC Tilt2)

Test Case SPT-06 XRY v6.3.1	
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.

Test Case SPT-06 XRY v6.3.1																				
Tester Name:	rpa																			
Test Host:	Morrisy																			
Test Date:	Thu Jun 28 12:44:30 EDT 2012																			
Device:	HTC_Tilt2																			
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																			
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 12:44:30 EDT 2012 Acquisition finished: Thu Jun 28 12:59:08 EDT 2012 All address book entries were successfully acquired ALL PIM related data was acquired																			
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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																			

568

569 5.2.166 SPT-07 (HTC Tilt2)

Test Case SPT-07 XRY v6.3.1								
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.							
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.							
Tester Name:	rpa							
Test Host:	Morrisy							
Test Date:	Thu Jun 28 12:59:51 EDT 2012							
Device:	HTC_Tilt2							
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 12:59:51 EDT 2012 Acquisition finished: Thu Jun 28 13:03:57 EDT 2012 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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							

Test Case SPT-07 XRY v6.3.1	
Analysis:	Expected results achieved

570

571 5.2.167 SPT-08 (HTC Tilt2)

Test Case SPT-08 XRY v6.3.1											
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 28 13:04:18 EDT 2012										
Device:	HTC_Tilt2										
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable										
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Thu Jun 28 13:04:18 EDT 2012</p> <p>Acquisition finished: Thu Jun 28 13:16:21 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired</p> <p>Correct date/time stamps were reported for all text messages</p> <p>Correct status flags were reported for all text messages</p> <p>Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td><td>as expected</td></tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td><td>as expected</td></tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

572

573 5.2.168 SPT-09 (HTC Tilt2)

Test Case SPT-09 XRY v6.3.1	
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>

Test Case SPT-09 XRY v6.3.1									
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Thu Jun 28 13:16:51 EDT 2012								
Device:	HTC_Tilt2								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 13:16:51 EDT 2012 Acquisition finished: Thu Jun 28 13:21:33 EDT 2012 ALL MMS messages (Audio, Image, Video) were acquired								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-21 Acquisition of audio MMS messages.	as expected	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected	SPT-CA-23 Acquisition of video MMS messages.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected								
SPT-CA-23 Acquisition of video MMS messages.	as expected								
Analysis:	Expected results achieved								

574

575 5.2.169 SPT-10 (HTC Tilt2)

Test Case SPT-10 XRY v6.3.1									
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 28 13:22:52 EDT 2012								
Device:	HTC_Tilt2								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 13:22:52 EDT 2012 Acquisition finished: Thu Jun 28 13:40:00 EDT 2012 ALL stand-alone data files (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-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								

576

577 **5.2.170 SPT-11 (HTC Tilt2)**

Test Case SPT-11 XRY v6.3.1					
Case Summary:	SPT-11 Acquire mobile device internal memory and review application related data (i.e., word 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 28 13:40:28 EDT 2012				
Device:	HTC_Tilt2				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 13:40:28 EDT 2012 Acquisition finished: Thu Jun 28 13:43:23 EDT 2012 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				

578

579 **5.2.171 SPT-12 (HTC Tilt2)**

Test Case SPT-12 XRY v6.3.1					
Case Summary:	SPT-12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites).				
Assertions:	SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Thu Jun 28 13:44:03 EDT 2012				
Device:	HTC_Tilt2				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 13:44:03 EDT 2012 Acquisition finished: Thu Jun 28 13:50:59 EDT 2012 All Internet related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-28 Acquisition of Internet related data.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-28 Acquisition of Internet related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-28 Acquisition of Internet related data.	as expected				
Analysis:	Expected results achieved				

580

581 **5.2.172 SPT-13 (HTC Tilt2)**

Test Case SPT-13 XRY v6.3.1	
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.

Test Case SPT-13 XRY v6.3.1									
Assertions:	<p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p>								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Thu Jun 28 13:51:19 EDT 2012								
Device:	HTC_Tilt2								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Thu Jun 28 13:51:19 EDT 2012</p> <p>Acquisition finished: Thu Jun 28 13:59:20 EDT 2012</p> <p>Acquire All acquisition was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-29 Acquire-All data objects acquisition.	as expected								
SPT-CA-30 Select-All data objects acquisition.	as expected								
SPT-CA-31 Select-Individual data objects acquisition.	as expected								
Analysis:	Expected results achieved								

582

583 5.2.173 SPT-14 (HTC Tilt2)

Test Case SPT-14 XRY v6.3.1					
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 29 07:49:05 EDT 2012				
Device:	HTC_Tilt2				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Fri Jun 29 07:49:05 EDT 2012</p> <p>Acquisition finished: Fri Jun 29 07:50:11 EDT 2012</p> <p>Media 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-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				

584 5.2.174 SPT-15 (HTC Tilt2)

Test Case SPT-15 XRY v6.3.1

Test Case SPT-15 XRY v6.3.1						
Case Summary:	SPT-15 Attempt acquisition of a nonsupported SIM.					
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM then the tool shall notify the user that the SIM is not supported.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Fri Jun 29 07:50:46 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 07:50:46 EDT 2012 Acquisition finished: Fri Jun 29 07:51:09 EDT 2012 Identification of nonsupported media was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-02 Identification of nonsupported SIMs.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-02 Identification of nonsupported SIMs.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-02 Identification of nonsupported SIMs.	as expected					
Analysis:	Expected results achieved					

585

586 5.2.175 SPT-16 (HTC Tilt2)

Test Case SPT-16 XRY v6.3.1						
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 29 07:46:38 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 07:46:38 EDT 2012 Acquisition finished: Fri Jun 29 07:47:01 EDT 2012 Media acquisition disruption notification was not successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-03 Notification of SIM acquisition disruption.</td><td>Not as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected
Assertion & Expected Result	Actual Result					
SPT-AO-03 Notification of SIM acquisition disruption.	Not as expected					
Analysis:	Expected results not achieved					

587

588 5.2.176 SPT-17 (HTC Tilt2)

Test Case SPT-17 XRY v6.3.1		
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	

Test Case SPT-17 XRY v6.3.1											
	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 29 08:36:11 EDT 2012										
Device:	HTC_Tilt2										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 08:36:11 EDT 2012 Acquisition finished: Fri Jun 29 08:36:24 EDT 2012 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-04 Acquisition of SPN.</td><td>as expected</td></tr> <tr> <td>SPT-AO-05 Acquisition of ICCID.</td><td>as expected</td></tr> <tr> <td>SPT-AO-06 Acquisition of IMSI.</td><td>as expected</td></tr> <tr> <td>SPT-AO-07 Acquisition of MSISDN.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-04 Acquisition of SPN.	as expected	SPT-AO-05 Acquisition of ICCID.	as expected	SPT-AO-06 Acquisition of IMSI.	as expected	SPT-AO-07 Acquisition of MSISDN.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-04 Acquisition of SPN.	as expected										
SPT-AO-05 Acquisition of ICCID.	as expected										
SPT-AO-06 Acquisition of IMSI.	as expected										
SPT-AO-07 Acquisition of MSISDN.	as expected										
Analysis:	Expected results achieved										

589

590 5.2.177 SPT-18 (HTC Tilt2)

Test Case SPT-18 XRY v6.3.1											
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 29 08:36:53 EDT 2012										
Device:	HTC_Tilt2										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 08:36:53 EDT 2012 Acquisition finished: Fri Jun 29 08:55:54 EDT 2012 All ADNs were acquired										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-08 Acquisition of ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-09 Acquisition of maximum length ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-10 Acquisition of special character ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-11 Acquisition of blank name ADNs.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-08 Acquisition of ADNs.	as expected	SPT-AO-09 Acquisition of maximum length ADNs.	as expected	SPT-AO-10 Acquisition of special character ADNs.	as expected	SPT-AO-11 Acquisition of blank name ADNs.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-08 Acquisition of ADNs.	as expected										
SPT-AO-09 Acquisition of maximum length ADNs.	as expected										
SPT-AO-10 Acquisition of special character ADNs.	as expected										
SPT-AO-11 Acquisition of blank name ADNs.	as expected										

Test Case SPT-18 XRY v6.3.1	
Analysis:	Expected results achieved

591

592 5.2.178 SPT-19 (HTC Tilt2)

Test Case SPT-19 XRY v6.3.1							
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 29 08:56:31 EDT 2012						
Device:	HTC_Tilt2						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 08:56:31 EDT 2012 Acquisition finished: Fri Jun 29 08:57:00 EDT 2012 LNDs were acquired Date/Time Stamps correctly reported for LNDs						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-12 Acquisition of LNDs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-13 Acquisition of LND date/time stamps.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-12 Acquisition of LNDs.	as expected	SPT-AO-13 Acquisition of LND date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-12 Acquisition of LNDs.	as expected						
SPT-AO-13 Acquisition of LND date/time stamps.	as expected						
Analysis:	Expected results achieved						

593

594 5.2.179 SPT-20 (HTC Tilt2)

Test Case SPT-20 XRY v6.3.1	
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).
Assertions:	SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Jun 29 08:57:27 EDT 2012
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB
Log	Created by XRY v6.3.1

Test Case SPT-20 XRY v6.3.1														
Highlights:	Acquisition started: Fri Jun 29 08:57:27 EDT 2012 Acquisition finished: Fri Jun 29 08:58:43 EDT 2012 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported													
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-14 Acquisition of SMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-15 Acquisition of EMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-16 Acquisition of text message date/time stamps.</td><td>as expected</td></tr><tr><td>SPT-AO-17 Acquisition of text message status flags.</td><td>as expected</td></tr><tr><td>SPT-AO-18 Acquisition of sender/recipient phone number associated with text messages.</td><td>as expected</td></tr></table>		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													

595

596 5.2.180 SPT-21 (HTC Tilt2)

Test Case SPT-21 XRY v6.3.1						
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 29 08:59:12 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 08:59:12 EDT 2012 Acquisition finished: Fri Jun 29 09:01:09 EDT 2012 Deleted text message data was recovered					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-19 Acquisition of non-overwritten deleted text messages.</td><td>as expected</td></tr></table>		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					

597

598 5.2.181 SPT-22 (HTC Tilt2)

Test Case SPT-22 XRY v6.3.1		
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.	

Test Case SPT-22 XRY v6.3.1							
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Fri Jun 29 09:01:48 EDT 2012						
Device:	HTC_Tilt2						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 09:01:48 EDT 2012 Acquisition finished: Fri Jun 29 09:02:47 EDT 2012 LOCI data was acquired GPRSLOCI data was acquired						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-20 Acquisition of LOCI information.</td><td>as expected</td></tr> <tr> <td>SPT-AO-21 Acquisition of GPRSLOCI information.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-20 Acquisition of LOCI information.	as expected	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-20 Acquisition of LOCI information.	as expected						
SPT-AO-21 Acquisition of GPRSLOCI information.	as expected						
Analysis:	Expected results achieved						

599

600 5.2.182 SPT-23 (HTC Tilt2)

Test Case SPT-23 XRY v6.3.1											
Case Summary:	SPT-23 Acquire SIM memory by selecting a combination of supported data elements.										
Assertions:	<p>SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).</p> <p>SPT-AO-22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.</p>										
Tester Name:	rpa										
Test Host:	Morrisy										
Test Date:	Fri Jun 29 09:03:13 EDT 2012										
Device:	HTC_Tilt2										
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB										
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 09:03:13 EDT 2012 Acquisition finished: Fri Jun 29 09:06:06 EDT 2012 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr> <tr> <td>SPT-AO-22 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-23 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-AO-24 Select-Individual data objects acquisition.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	SPT-AO-22 Acquire-All data objects acquisition.	as expected	SPT-AO-23 Select-All data objects acquisition.	as expected	SPT-AO-24 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result										
SPT-AO-01 SIM connectivity via supported interfaces.	as expected										
SPT-AO-22 Acquire-All data objects acquisition.	as expected										
SPT-AO-23 Select-All data objects acquisition.	as expected										
SPT-AO-24 Select-Individual data objects acquisition.	as expected										
Analysis:	Expected results achieved										

601

602 **5.2.183 SPT-24 (HTC Tilt2)**

Test Case SPT-24 XRY v6.3.1						
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.					
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Thu Jun 28 14:00:02 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 14:00:02 EDT 2012 Acquisition finished: Thu Jun 28 14:02:22 EDT 2012 Complete representation of known data via generated reports was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-25 Comparison of known device data elements via generated reports.</td><td>as expected</td></tr></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					

603

604 **5.2.184 SPT-25 (HTC Tilt2)**

Test Case SPT-25 XRY v6.3.1						
Case Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.					
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview pane view.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Thu Jun 28 14:02:53 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 14:02:53 EDT 2012 Acquisition finished: Thu Jun 28 14:07:25 EDT 2012 Complete representation of known data via preview pane was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr></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					

605

606 **5.2.185 SPT-26 (HTC Tilt2)**

Test Case SPT-26 XRY v6.3.1	
Case	SPT-26 Acquire SIM memory and review reported data via supported generated

Test Case SPT-26 XRY v6.3.1						
Summary:	report formats.					
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Fri Jun 29 09:06:40 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 09:06:40 EDT 2012 Acquisition finished: Fri Jun 29 09:07:48 EDT 2012 Complete representation of known data via generated reports was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-25 Comparison of known device data elements via generated reports.</td><td>as expected</td></tr></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					

607

608 5.2.186 SPT-27 (HTC Tilt2)

Test Case SPT-27 XRY v6.3.1						
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 29 09:08:16 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 09:08:16 EDT 2012 Acquisition finished: Fri Jun 29 09:32:35 EDT 2012 Complete representation of known data via preview pane was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr></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					

609

610

611 5.2.187 SPT-28 (HTC Tilt2)

Test Case SPT-28 XRY v6.3.1	
Case Summary:	SPT-28 Attempt acquisition of a password-protected SIM.

Test Case SPT-28 XRY v6.3.1						
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 29 09:08:32 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 09:08:32 EDT 2012 Acquisition finished: Fri Jun 29 09:32:11 EDT 2012 Ability to enter PIN on protected media before acquisition was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-28 Acquisition of password word protected SIM.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-28 Acquisition of password word protected SIM.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-28 Acquisition of password word protected SIM.	as expected					
Analysis:	Expected results achieved					

612

613 5.2.188 SPT-29 (HTC Tilt2)

Test Case SPT-29 XRY v6.3.1						
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.					
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Thu Jun 28 14:09:06 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 14:09:06 EDT 2012 Acquisition finished: Thu Jun 28 14:10:04 EDT 2012 Notification of modified device memory data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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					

614

615 5.2.189 SPT-30 (HTC Tilt2)

Test Case SPT-30 XRY v6.3.1		
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 Case SPT-30 XRY v6.3.1						
Test Date:	Fri Jun 29 09:33:24 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 09:33:24 EDT 2012 Acquisition finished: Fri Jun 29 09:48:20 EDT 2012 Notification of modified SIM data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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					

616

617 5.2.190 SPT-31 (HTC Tilt2)

Test Case SPT-31 XRY v6.3.1						
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:	Fri Jun 29 07:30:44 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 07:30:44 EDT 2012 Acquisition finished: Fri Jun 29 07:31:16 EDT 2012 Physical Acquisition: readability and completeness was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-31 Physical acquisition, data is presented in a useable format.</td><td>as expected</td></tr></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					

618

619 5.2.191 SPT-32 (HTC Tilt2)

Test Case SPT-32 XRY v6.3.1		
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>	

Test Case SPT-32 XRY v6.3.1																				
	<p>SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.</p> <p>SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.</p> <p>SPT-AO-37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.</p> <p>SPT-AO-38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.</p> <p>SPT-AO-39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.</p>																			
Tester Name:	rpa																			
Test Host:	Morrisy																			
Test Date:	Fri Jun 29 07:32:11 EDT 2012																			
Device:	HTC_Tilt2																			
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																			
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Fri Jun 29 07:32:11 EDT 2012 Acquisition finished: Fri Jun 29 07:33:32 EDT 2012</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 recovered Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA</p>																			
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-32 Physical acquisition, recovery of deleted address book entries.</td><td>as expected</td></tr><tr><td>SPT-AO-33 Physical acquisition, recovery of deleted PIM data.</td><td>as expected</td></tr><tr><td>SPT-AO-34 Physical acquisition, recovery of deleted call logs.</td><td>as expected</td></tr><tr><td>SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.</td><td>as expected</td></tr><tr><td>SPT-AO-38 Physical acquisition, recovery of deleted graphic files.</td><td>as expected</td></tr><tr><td>SPT-AO-39 Physical acquisition, recovery of deleted video files.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	as expected	SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	as expected	SPT-AO-34 Physical acquisition, recovery of deleted call logs.	as expected	SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected	SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected	SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.	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
Assertion & Expected Result	Actual Result																			
SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	as expected																			
SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	as expected																			
SPT-AO-34 Physical acquisition, recovery of deleted call logs.	as expected																			
SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected																			
SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected																			
SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.	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:	Expected results achieved																			

620

621 5.2.192 SPT-33 (HTC Tilt2)

Test Case SPT-33 XRY v6.3.1

Test Case SPT-33 XRY v6.3.1							
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:	Thu Jun 28 14:10:31 EDT 2012						
Device:	HTC_Tilt2						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 14:10:31 EDT 2012 Acquisition finished: Thu Jun 28 14:14:53 EDT 2012 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

622

623 5.2.193 SPT-34 (HTC Tilt2)

Test Case SPT-34 XRY v6.3.1							
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 29 10:00:38 EDT 2012						
Device:	HTC_Tilt2						
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 10:00:38 EDT 2012 Acquisition finished: Fri Jun 29 10:12:49 EDT 2012 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						

Test Case SPT-34 XRY v6.3.1	
Analysis:	Expected results achieved

624

625 5.2.194 SPT-35 (HTC Tilt2)

Test Case SPT-35 XRY v6.3.1					
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 29 10:00:56 EDT 2012				
Device:	HTC_Tilt2				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 10:00:56 EDT 2012 Acquisition finished: Fri Jun 29 10:13:09 EDT 2012 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				

626

627 5.2.195 SPT-36 (HTC Tilt2)

Test Case SPT-36 XRY v6.3.1					
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 29 10:01:13 EDT 2012				
Device:	HTC_Tilt2				
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 10:01:13 EDT 2012 Acquisition finished: Fri Jun 29 10:13:26 EDT 2012 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				

628

5.2.196 SPT-38 (HTC Tilt2)

Test Case SPT-38 XRY v6.3.1						
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor supported data objects.					
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Thu Jun 28 14:15:19 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Thu Jun 28 14:15:19 EDT 2012 Acquisition finished: Thu Jun 28 14:20:19 EDT 2012 Hash values were properly reported for individually acquired device data elements					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr></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					

629

630

5.2.197 SPT-39 (HTC Tilt2)

Test Case SPT-39 XRY v6.3.1						
Case Summary:	SPT-39 Acquire SIM memory and review hash values for vendor supported data objects.					
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Fri Jun 29 10:14:53 EDT 2012					
Device:	HTC_Tilt2					
Source Setup:	OS: WIN XP v5.1.2600 Interface: USB					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Fri Jun 29 10:14:53 EDT 2012 Acquisition finished: Fri Jun 29 10:15:34 EDT 2012 Hash values were properly reported for individually acquired SIM data elements					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr></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					

631

5.2.198 SPT-01 (iPhone4 CDMA)

Test Case SPT-01 XRY v6.3.1															
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).														
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane 'or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>														
Tester Name:	rpa														
Test Host:	Morrisy														
Test Date:	Mon Jun 25 07:23:05 EDT 2012														
Device:	iPhone4_CDMA														
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable														
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jun 25 07:23:05 EDT 2012</p> <p>Acquisition finished: Mon Jun 25 07:26:57 EDT 2012</p> <p>Device connectivity was established via supported interface</p>														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td><td>as expected</td></tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-01 Device connectivity via supported interfaces.	as expected	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result														
SPT-CA-01 Device connectivity via supported interfaces.	as expected														
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected														
SPT-CA-29 Acquire-All data objects acquisition.	as expected														
SPT-CA-30 Select-All data objects acquisition.	as expected														
SPT-CA-31 Select-Individual data objects acquisition.	as expected														
SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected														
Analysis:	Expected results achieved														

5.2.199 SPT-02 (iPhone4 CDMA)

Test Case SPT-02 XRY v6.3.1	
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Jun 25 07:30:16 EDT 2012
Device:	unsupported_device
Source	OS: WIN XP v5.1.2600

Test Case SPT-02 XRY v6.3.1						
Setup:	Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jun 25 07:30:16 EDT 2012 Acquisition finished: Mon Jun 25 07:46:36 EDT 2012 Identification of nonsupported devices was successful					
Results:	<table><tr><td>Assertion & Expected Result</td><td>Actual Result</td></tr><tr><td>SPT-CA-02 Identification of nonsupported devices.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of nonsupported devices.	as expected
Assertion & Expected Result	Actual Result					
SPT-CA-02 Identification of nonsupported devices.	as expected					
Analysis:	Expected results achieved					

635

636 5.2.200 SPT-03 (iPhone4 CDMA)

Test Case SPT-03 XRY v6.3.1						
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 25 07:47:18 EDT 2012					
Device:	iPhone4_CDMA					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jun 25 07:47:18 EDT 2012 Acquisition finished: Mon Jun 25 08:10:02 EDT 2012 Device acquisition disruption notification was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-03 Notification of device acquisition disruption.</td><td>as expected</td></tr></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					

637

638 5.2.201 SPT-04 (iPhone4 CDMA)

Test Case SPT-04 XRY v6.3.1		
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 25 08:13:52 EDT 2012	
Device:	iPhone4_CDMA	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jun 25 08:13:52 EDT 2012	

Test Case SPT-04 XRY v6.3.1		
	Acquisition finished: Mon Jun 25 08:28:59 EDT 2012	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

639

640 5.2.202 SPT-05 (iPhone4 CDMA)

Test Case SPT-05 XRY v6.3.1								
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 25 09:01:39 EDT 2012							
Device:	iPhone4_CDMA							
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jun 25 09:01:39 EDT 2012 Acquisition finished: Mon Jun 25 10:12:39 EDT 2012 IMEI, MEID/ESN were not acquired							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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							

641

642 5.2.203 SPT-06 (iPhone4 CDMA)

Test Case SPT-06 XRY v6.3.1		
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</p>	

Test Case SPT-06 XRY v6.3.1																			
	<p>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 25 10:43:29 EDT 2012																		
Device:	iPhone4_CDMA																		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																		
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Mon Jun 25 10:43:29 EDT 2012</p> <p>Acquisition finished: Mon Jun 25 10:48:17 EDT 2012</p> <p>All address book entries were successfully acquired</p> <p>ALL PIM related data was acquired</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-07 Acquisition of address book entries.</td><td>as expected</td></tr> <tr> <td>SPT-CA-08 Acquisition of maximum length address book entries.</td><td>as expected</td></tr> <tr> <td>SPT-CA-09 Acquisition of address book entries containing special characters.</td><td>as expected</td></tr> <tr> <td>SPT-CA-10 Acquisition of address book entries containing a blank name entry.</td><td>as expected</td></tr> <tr> <td>SPT-CA-11 Acquisition of embedded email addresses within address book entries.</td><td>as expected</td></tr> <tr> <td>SPT-CA-12 Acquisition of embedded graphics within address book entries.</td><td>as expected</td></tr> <tr> <td>SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td><td>as expected</td></tr> <tr> <td>SPT-CA-14 Acquisition of maximum length PIM data.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-07 Acquisition of address book entries.	as expected	SPT-CA-08 Acquisition of maximum length address book entries.	as expected	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Assertion & Expected Result	Actual Result																		
SPT-CA-07 Acquisition of address book entries.	as expected																		
SPT-CA-08 Acquisition of maximum length address book entries.	as expected																		
SPT-CA-09 Acquisition of address book entries containing special characters.	as expected																		
SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected																		
SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected																		
SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected																		
SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																		
SPT-CA-14 Acquisition of maximum length PIM data.	as expected																		
Analysis:	Expected results achieved																		

643

644 5.2.204 SPT-07 (iPhone4 CDMA)

Test Case SPT-07 XRY v6.3.1	
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.
Assertions:	<p>SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.</p> <p>SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.</p>
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Jun 25 12:48:52 EDT 2012
Device:	iPhone4_CDMA
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log	Created by XRY v6.3.1

Test Case SPT-07 XRY v6.3.1							
Highlights:	<p>Acquisition started: Mon Jun 25 12:48:52 EDT 2012 Acquisition finished: Mon Jun 25 12:50:03 EDT 2012</p> <p>All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td><td>as expected</td></tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-15 Acquisition of call logs.	as expected	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-15 Acquisition of call logs.	as expected						
SPT-CA-16 Acquisition of call log date/time stamps.	as expected						
Analysis:	Expected results achieved						

645

646 5.2.205 SPT-08 (iPhone4 CDMA)

Test Case SPT-08 XRY v6.3.1											
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 26 07:25:56 EDT 2012										
Device:	iPhone4_CDMA										
Source Setup:	<p>OS: WIN XP v5.1.2600 Interface: cable</p>										
Log Highlights:	<p>Created by XRY v6.3.1 Acquisition started: Tue Jun 26 07:25:56 EDT 2012 Acquisition finished: Tue Jun 26 07:27:31 EDT 2012</p> <p>ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-17 Acquisition of text messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-18 Acquisition of text message date/time stamps.</td><td>as expected</td></tr> <tr> <td>SPT-CA-19 Acquisition of text message status flags.</td><td>as expected</td></tr> <tr> <td>SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-17 Acquisition of text messages.	as expected	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	SPT-CA-19 Acquisition of text message status flags.	as expected	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Assertion & Expected Result	Actual Result										
SPT-CA-17 Acquisition of text messages.	as expected										
SPT-CA-18 Acquisition of text message date/time stamps.	as expected										
SPT-CA-19 Acquisition of text message status flags.	as expected										
SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected										
Analysis:	Expected results achieved										

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5.2.206 SPT-09 (iPhone4 CDMA)

Test Case SPT-09 XRY v6.3.1									
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 26 07:28:16 EDT 2012								
Device:	iPhone4_CDMA								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jun 26 07:28:16 EDT 2012</p> <p>Acquisition finished: Tue Jun 26 07:48:34 EDT 2012</p> <p>ALL MMS messages (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-21 Acquisition of audio MMS messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-22 Acquisition of graphic data image MMS messages.</td><td>as expected</td></tr> <tr> <td>SPT-CA-23 Acquisition of video MMS messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-21 Acquisition of audio MMS messages.	as expected	SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected	SPT-CA-23 Acquisition of video MMS messages.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-21 Acquisition of audio MMS messages.	as expected								
SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected								
SPT-CA-23 Acquisition of video MMS messages.	as expected								
Analysis:	Expected results achieved								

5.2.207 SPT-10 (iPhone4 CDMA)

Test Case SPT-10 XRY v6.3.1	
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 26 12:15:48 EDT 2012
Device:	iPhone4_CDMA
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jun 26 12:15:48 EDT 2012</p> <p>Acquisition finished: Tue Jun 26 12:35:48 EDT 2012</p>

Test Case SPT-10 XRY v6.3.1										
	ALL stand-alone data files (Audio, Image, Video) were acquired									
Results:										
	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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									

652

653 5.2.208 SPT-11 (iPhone4 CDMA)

Test Case SPT-11 XRY v6.3.1						
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 26 12:36:18 EDT 2012					
Device:	iPhone4_CDMA					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 26 12:36:18 EDT 2012 Acquisition finished: Tue Jun 26 12:57:32 EDT 2012 All application data was acquired					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-27 Acquisition of application related data.</td><td>as expected</td></tr></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					

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655 5.2.209 SPT-12 (iPhone4 CDMA)

Test Case SPT-12 XRY v6.3.1		
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:	Tue Jun 26 12:57:57 EDT 2012	
Device:	iPhone4_CDMA	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 26 12:57:57 EDT 2012 Acquisition finished: Tue Jun 26 13:15:08 EDT 2012	

Test Case SPT-12 XRY v6.3.1		
	All Internet related data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-28 Acquisition of Internet related data.	as expected
Analysis:	Expected results achieved	

656

657 5.2.210 SPT-13 (iPhone4 CDMA)

Test Case SPT-13 XRY v6.3.1										
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.									
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.									
Tester Name:	rpa									
Test Host:	Morrisy									
Test Date:	Tue Jun 26 13:15:38 EDT 2012									
Device:	iPhone4_CDMA									
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable									
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 26 13:15:38 EDT 2012 Acquisition finished: Tue Jun 26 13:28:27 EDT 2012 Acquire All acquisition was successful									
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result									
SPT-CA-29 Acquire-All data objects acquisition.	as expected									
SPT-CA-30 Select-All data objects acquisition.	as expected									
SPT-CA-31 Select-Individual data objects acquisition.	as expected									
Analysis:	Expected results achieved									

658

659 5.2.211 SPT-24 (iPhone4 CDMA)

Test Case SPT-24 XRY v6.3.1		
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 26 13:31:13 EDT 2012	
Device:	iPhone4_CDMA	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Tue Jun 26 13:31:13 EDT 2012</p>	

Test Case SPT-24 XRY v6.3.1		
	Acquisition finished: Tue Jun 26 13:35:36 EDT 2012	
	Complete representation of known data via generated reports was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

660

661 5.2.212 SPT-25 (iPhone4 CDMA)

Test Case SPT-25 XRY v6.3.1						
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 26 13:36:06 EDT 2012					
Device:	iPhone4_CDMA					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 26 13:36:06 EDT 2012 Acquisition finished: Tue Jun 26 13:48:07 EDT 2012 Complete representation of known data via preview pane was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr></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					

662

663 5.2.213 SPT-29 (iPhone4 CDMA)

Test Case SPT-29 XRY v6.3.1		
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 26 13:48:37 EDT 2012	
Device:	iPhone4_CDMA	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 26 13:48:37 EDT 2012 Acquisition finished: Tue Jun 26 13:52:32 EDT 2012 Notification of modified device memory data was successful	

Test Case SPT-29 XRY v6.3.1					
Results:					
	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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				

664

665 5.2.214 SPT-31 (iPhone4 CDMA)

Test Case SPT-31 XRY v6.3.1						
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:	Mon Jun 25 10:15:11 EDT 2012					
Device:	iPhone4_CDMA					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jun 25 10:15:11 EDT 2012 Acquisition finished: Mon Jun 25 10:20:17 EDT 2012 Physical Acquisition: readability and completeness was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-31 Physical acquisition, data is presented in a useable format.</td><td>as expected</td></tr></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					

666

667 5.2.215 SPT-32 (iPhone4 CDMA)

Test Case SPT-32 XRY v6.3.1		
Case Summary:	SPT-32 Perform a physical acquisition and review reports for recoverable deleted data.	
Assertions:	SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format. SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format. SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format. SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format. SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS 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	

Test Case SPT-32 XRY v6.3.1																				
	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.																			
Tester Name:	rpa																			
Test Host:	Morrisy																			
Test Date:	Mon Jun 25 10:20:55 EDT 2012																			
Device:	iPhone4_CDMA																			
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																			
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Mon Jun 25 10:20:55 EDT 2012 Acquisition finished: Mon Jun 25 10:26:53 EDT 2012 Deleted address book entries were not recovered Deleted PIM data was partially recovered Deleted Call log data was recovered Deleted text message data was recovered Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA Notes: Deleted calendar entries were not recovered.																			
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-32 Physical acquisition, recovery of deleted address book entries.</td><td>Not as expected</td></tr><tr><td>SPT-AO-33 Physical acquisition, recovery of deleted PIM data.</td><td>Partial</td></tr><tr><td>SPT-AO-34 Physical acquisition, recovery of deleted call logs.</td><td>as expected</td></tr><tr><td>SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.</td><td>as expected</td></tr><tr><td>SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.</td><td>as expected</td></tr><tr><td>SPT-AO-38 Physical acquisition, recovery of deleted graphic files.</td><td>as expected</td></tr><tr><td>SPT-AO-39 Physical acquisition, recovery of deleted video files.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	Not as expected	SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	Partial	SPT-AO-34 Physical acquisition, recovery of deleted call logs.	as expected	SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected	SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected	SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.	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
Assertion & Expected Result	Actual Result																			
SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	Not as expected																			
SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	Partial																			
SPT-AO-34 Physical acquisition, recovery of deleted call logs.	as expected																			
SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected																			
SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected																			
SPT-AO-37 Physical acquisition, recovery of deleted stand-alone audio files.	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:	Expected results partially achieved																			

668

669 5.2.216 SPT-33 (iPhone4 CDMA)

Test Case SPT-33 XRY v6.3.1		
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.	

Test Case SPT-33 XRY v6.3.1							
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Tue Jun 26 13:54:14 EDT 2012						
Device:	iPhone4_CDMA						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 26 13:54:14 EDT 2012 Acquisition finished: Tue Jun 26 14:10:25 EDT 2012 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr> <tr> <td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Assertion & Expected Result	Actual Result						
SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.	as expected						
SPT-AO-41 Acquisition of non-ASCII text messages.	as expected						
Analysis:	Expected results achieved						

670

671 5.2.217 SPT-38 (iPhone4 CDMA)

Test Case SPT-38 XRY v6.3.1					
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 26 14:11:39 EDT 2012				
Device:	iPhone4_CDMA				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 26 14:11:39 EDT 2012 Acquisition finished: Tue Jun 26 14:16:47 EDT 2012 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-43 Acquire data, check known hash values for consistency.	as expected				
Analysis:	Expected results achieved				

672

673 5.2.218 SPT-40 (iPhone4 CDMA)

Test Case SPT-40 XRY v6.3.1	
Case Summary:	SPT-40 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.
Assertions:	SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude

Test Case SPT-40 XRY v6.3.1					
	coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Tue Jun 26 14:18:40 EDT 2012				
Device:	iPhone4_CDMA				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Tue Jun 26 14:18:40 EDT 2012 Acquisition finished: Tue Jun 26 14:22:26 EDT 2012 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-AO-44 Acquire data, check GPS data for consistency.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-AO-44 Acquire data, check GPS data for consistency.	as expected
Assertion & Expected Result	Actual Result				
SPT-AO-44 Acquire data, check GPS data for consistency.	as expected				
Analysis:	Expected results achieved				

674

675 5.2.219 SPT-01 (HTC Thunderbolt)

Test Case SPT-01 XRY v6.3.1							
Case Summary:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).						
Assertions:	<p>SPT-CA-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>SPT-CA-04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview pane or generated report.</p> <p>SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p> <p>SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>						
Tester Name:	rpa						
Test Host:	Morrisy						
Test Date:	Wed Jun 27 07:24:28 EDT 2012						
Device:	HTC_Thunderbolt						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 07:24:28 EDT 2012 Acquisition finished: Wed Jun 27 08:08:25 EDT 2012 Device connectivity was established via supported interface						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-01 Device connectivity via supported interfaces.</td><td>as expected</td></tr> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr> </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
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						

Test Case SPT-01 XRY v6.3.1		
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

676

677 5.2.220 SPT-02 (HTC Thunderbolt)

Test Case SPT-02 XRY v6.3.1						
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.					
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device is not supported.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Wed Jun 27 08:09:04 EDT 2012					
Device:	unsupported_device					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 08:09:04 EDT 2012 Acquisition finished: Wed Jun 27 08:31:08 EDT 2012 Identification of nonsupported devices was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-02 Identification of nonsupported devices.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-CA-02 Identification of nonsupported devices.	as expected
Assertion & Expected Result	Actual Result					
SPT-CA-02 Identification of nonsupported devices.	as expected					
Analysis:	Expected results achieved					

678

679 5.2.221 SPT-03 (HTC Thunderbolt)

Test Case SPT-03 XRY v6.3.1						
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 27 08:31:28 EDT 2012					
Device:	HTC_Thunderbolt					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 08:31:28 EDT 2012 Acquisition finished: Wed Jun 27 08:53:13 EDT 2012 Device acquisition disruption notification was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-CA-03 Notification of device acquisition disruption.</td><td>as expected</td></tr></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					

Test Case SPT-03 XRY v6.3.1	
Analysis:	Expected results achieved

680

681 5.2.222 SPT-04 (HTC Thunderbolt)

Test Case SPT-04 XRY v6.3.1					
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 27 08:53:35 EDT 2012				
Device:	HTC_Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 08:53:35 EDT 2012 Acquisition finished: Wed Jun 27 09:35:05 EDT 2012 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-04 Readability and completeness of acquired data via supported reports.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

682

683 5.2.223 SPT-05 (HTC Thunderbolt)

Test Case SPT-05 XRY v6.3.1					
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 27 09:35:25 EDT 2012				
Device:	HTC_Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 09:35:25 EDT 2012 Acquisition finished: Wed Jun 27 09:58:46 EDT 2012 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> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected				

Test Case SPT-05 XRY v6.3.1		
	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected
Analysis:	Expected results achieved	

684

685 5.2.224 SPT-06 (HTC Thunderbolt)

Test Case SPT-06 XRY v6.3.1																				
Case Summary:	SPT-06 Acquire mobile device internal memory and review reported PIM related data.																			
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.																			
Tester Name:	rpa																			
Test Host:	Morrisy																			
Test Date:	Wed Jun 27 09:59:16 EDT 2012																			
Device:	HTC_Thunderbolt																			
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable																			
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 09:59:16 EDT 2012 Acquisition finished: Wed Jun 27 10:08:09 EDT 2012 All address book entries were successfully acquired ALL PIM related data was acquired																			
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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																			

Test Case SPT-06 XRY v6.3.1	
Analysis:	Expected results achieved

686

687 5.2.225 SPT-07 (HTC Thunderbolt)

Test Case SPT-07 XRY v6.3.1							
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 27 10:08:32 EDT 2012						
Device:	HTC_Thunderbolt						
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable						
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 10:08:32 EDT 2012 Acquisition finished: Wed Jun 27 10:30:06 EDT 2012 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-15 Acquisition of call logs.</td><td>as expected</td></tr> <tr> <td>SPT-CA-16 Acquisition of call log date/time stamps.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-15 Acquisition of call logs.	as expected	SPT-CA-16 Acquisition of call log date/time stamps.	as expected
Assertion & Expected Result	Actual Result						
SPT-CA-15 Acquisition of call logs.	as expected						
SPT-CA-16 Acquisition of call log date/time stamps.	as expected						
Analysis:	Expected results achieved						

688

689 5.2.226 SPT-08 (HTC Thunderbolt)

Test Case SPT-08 XRY v6.3.1	
Case Summary:	SPT-08 Acquire mobile device internal memory and review reported text messages.
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jun 27 10:31:07 EDT 2012
Device:	HTC_Thunderbolt
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 10:31:07 EDT 2012 Acquisition finished: Wed Jun 27 12:06:36 EDT 2012

Test Case SPT-08 XRY v6.3.1												
	ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported											
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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											

690

691 5.2.227 SPT-09 (HTC Thunderbolt)

Test Case SPT-09 XRY v6.3.1										
Case Summary:	SPT-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).									
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.									
Tester Name:	rpa									
Test Host:	Morrisy									
Test Date:	Wed Jun 27 12:07:07 EDT 2012									
Device:	HTC_Thunderbolt									
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable									
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 12:07:07 EDT 2012 Acquisition finished: Wed Jun 27 12:19:08 EDT 2012 ALL MMS messages (Audio, Image, Video) were acquired									
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><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></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									

692

693 5.2.228 SPT-10 (HTC Thunderbolt)

Test Case SPT-10 XRY v6.3.1		
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).	
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a	

Test Case SPT-10 XRY v6.3.1									
	<p>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 27 12:19:47 EDT 2012								
Device:	HTC_Thunderbolt								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Wed Jun 27 12:19:47 EDT 2012</p> <p>Acquisition finished: Wed Jun 27 12:32:54 EDT 2012</p> <p>ALL stand-alone data files (Audio, Image, Video) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-24 Acquisition of stand-alone audio files.</td><td>as expected</td></tr> <tr> <td>SPT-CA-25 Acquisition of stand-alone graphic files.</td><td>as expected</td></tr> <tr> <td>SPT-CA-26 Acquisition of stand-alone video files.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-24 Acquisition of stand-alone audio files.	as expected	SPT-CA-25 Acquisition of stand-alone graphic files.	as expected	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-24 Acquisition of stand-alone audio files.	as expected								
SPT-CA-25 Acquisition of stand-alone graphic files.	as expected								
SPT-CA-26 Acquisition of stand-alone video files.	as expected								
Analysis:	Expected results achieved								

694

695 5.2.229 SPT-11 (HTC Thunderbolt)

Test Case SPT-11 XRY v6.3.1					
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 27 12:33:19 EDT 2012				
Device:	HTC_Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	<p>Created by XRY v6.3.1</p> <p>Acquisition started: Wed Jun 27 12:33:19 EDT 2012</p> <p>Acquisition finished: Wed Jun 27 13:03:28 EDT 2012</p> <p>All application 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-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				

696

697 **5.2.230 SPT-12 (HTC Thunderbolt)**

Test Case SPT-12 XRY v6.3.1					
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 27 13:03:50 EDT 2012				
Device:	HTC_Thunderbolt				
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable				
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 13:03:50 EDT 2012 Acquisition finished: Wed Jun 27 13:38:59 EDT 2012 All Internet related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-28 Acquisition of Internet related data.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-28 Acquisition of Internet related data.	as expected
Assertion & Expected Result	Actual Result				
SPT-CA-28 Acquisition of Internet related data.	as expected				
Analysis:	Expected results achieved				

698

699 **5.2.231 SPT-13 (HTC Thunderbolt)**

Test Case SPT-13 XRY v6.3.1									
Case Summary:	SPT-13 Acquire mobile device internal memory by selecting a combination of supported data elements.								
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.								
Tester Name:	rpa								
Test Host:	Morrisy								
Test Date:	Wed Jun 27 13:39:18 EDT 2012								
Device:	HTC_Thunderbolt								
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable								
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 13:39:18 EDT 2012 Acquisition finished: Wed Jun 27 13:50:24 EDT 2012 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th><th>Actual Result</th></tr> </thead> <tbody> <tr> <td>SPT-CA-29 Acquire-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-30 Select-All data objects acquisition.</td><td>as expected</td></tr> <tr> <td>SPT-CA-31 Select-Individual data objects acquisition.</td><td>as expected</td></tr> </tbody> </table>	Assertion & Expected Result	Actual Result	SPT-CA-29 Acquire-All data objects acquisition.	as expected	SPT-CA-30 Select-All data objects acquisition.	as expected	SPT-CA-31 Select-Individual data objects acquisition.	as expected
Assertion & Expected Result	Actual Result								
SPT-CA-29 Acquire-All data objects acquisition.	as expected								
SPT-CA-30 Select-All data objects acquisition.	as expected								
SPT-CA-31 Select-Individual data objects acquisition.	as expected								
Analysis:	Expected results achieved								

700

701 **5.2.232 SPT-24 (HTC Thunderbolt)**

Test Case SPT-24 XRY v6.3.1						
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 27 14:04:12 EDT 2012					
Device:	HTC_Thunderbolt					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 14:04:12 EDT 2012 Acquisition finished: Wed Jun 27 14:06:19 EDT 2012 Complete representation of known data via generated reports was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-25 Comparison of known device data elements via generated reports.</td><td>as expected</td></tr></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					

702

703 **5.2.233 SPT-25 (HTC Thunderbolt)**

Test Case SPT-25 XRY v6.3.1						
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 27 14:06:50 EDT 2012					
Device:	HTC_Thunderbolt					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 14:06:50 EDT 2012 Acquisition finished: Wed Jun 27 14:10:19 EDT 2012 Complete representation of known data via preview pane 'was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-26 Comparison of known device data elements via preview-pane.</td><td>as expected</td></tr></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					

704

705

706 **5.2.234 SPT-29 (HTC Thunderbolt)**

Test Case SPT-29 XRY v6.3.1						
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 27 14:10:50 EDT 2012					
Device:	HTC_Thunderbolt					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 14:10:50 EDT 2012 Acquisition finished: Wed Jun 27 14:12:34 EDT 2012 Notification of modified device memory data was successful					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-27 Notification of modified device case data.</td><td>as expected</td></tr></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					

707

708 **5.2.235 SPT-33 (HTC Thunderbolt)**

Test Case SPT-33 XRY v6.3.1								
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 27 14:13:02 EDT 2012							
Device:	HTC_Thunderbolt							
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable							
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 14:13:02 EDT 2012 Acquisition finished: Wed Jun 27 14:14:16 EDT 2012 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed							
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-40 Acquisition of non-ASCII address book entries/ADNs.</td><td>as expected</td></tr><tr><td>SPT-AO-41 Acquisition of non-ASCII text messages.</td><td>as expected</td></tr></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							

709

710 **5.2.236 SPT-38 (HTC Thunderbolt)**

Test Case SPT-38 XRY v6.3.1						
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 27 14:15:16 EDT 2012					
Device:	HTC_Thunderbolt					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 14:15:16 EDT 2012 Acquisition finished: Wed Jun 27 14:17:15 EDT 2012 Hash values were properly reported for individually acquired device data elements					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-43 Acquire data, check known hash values for consistency.</td><td>as expected</td></tr></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					

711

712 **5.2.237 SPT-40 (HTC Thunderbolt)**

Test Case SPT-40 XRY v6.3.1						
Case Summary:	SPT-40 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.					
Assertions:	SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.					
Tester Name:	rpa					
Test Host:	Morrisy					
Test Date:	Wed Jun 27 14:17:39 EDT 2012					
Device:	HTC_Thunderbolt					
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable					
Log Highlights:	Created by XRY v6.3.1 Acquisition started: Wed Jun 27 14:17:39 EDT 2012 Acquisition finished: Wed Jun 27 14:22:39 EDT 2012 GPS Coordinate data was successfully acquired					
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT-AO-44 Acquire data, check GPS data for consistency.</td><td>as expected</td></tr></table>		Assertion & Expected Result	Actual Result	SPT-AO-44 Acquire data, check GPS data for consistency.	as expected
Assertion & Expected Result	Actual Result					
SPT-AO-44 Acquire data, check GPS data for consistency.	as expected					
Analysis:	Expected results achieved					

713

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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

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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.

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