

# **JAN.** 10 NIJ Special REPORT **Test Results for Mobile Device Acquisition Tool:** BitPim - 1.0.6-official

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# NIJ

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### Introduction

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

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

This document reports the results from testing BitPim, version 1.0.6-official, against the *Non-GSM Mobile Device and Associated Media Tool Test Assertions and Test Plan Version 1.1*, available at the CFTT Web site (<u>www.cftt.nist.gov/mobile\_devices.htm</u>).

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

# Test Results for Mobile Device Data Acquisition Tool

Tool Tested:	BitPim
Version:	1.0.6-official
Run Environments:	Windows XP Service Pack 2
Supplier:	www.bitpim.org
Developers: Email: WWW:	Joe Pham, Stephen Wood, Sean Burke, Nathan Hjelm, and others. <u>djpham@bitpim.org</u> <u>http://www.bitpim.org</u>

# 1 Results Summary

Except for the following test cases: CFT–IM–01 (LG vx6100), CFT–IM–08 (LG vx5400, Moto v710, SCH u740, SPH a660), the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices (i.e., LG vx5400, MOTO v710, Samsung SCH u410, Samsung SCH u740, Samsung SPH a660). The exceptions are the following:

- Connectivity was not established via the supported cable interface; therefore, acquisition of device memory was not successful. Test Case: CFT–IM–01 (LG VX6100)
- Address book entries and text messages containing non-ASCII characters such as: à, é were excluded from the address book entry. Test Case: CFT–IMO–08 (LG VX5400, SCH–u740)
- Address book entries containing non-ASCII characters such as: 阿恶哈拉 were

not reported. Text messages containing non-ASCII characters such as: à, é, 阿恶

哈拉 were not reported. Test Case: CFT-IMO-08 (Moto v710)

 Text messages containing containing non-ASCII characters such as: à, é were excluded from text message. Test Case: CFT–IMO–08 (SPH–a660)

# 2 Test Case Selection

Not all test cases or test assertions are appropriate for all tools. In addition to the base test cases, each remaining test case is linked to optional tool features needed for the test case. If a given tool implements a given feature then the test cases linked to that feature are run. Tables (1a–1d) list the features available in BitPim and the linked test cases. Tables (2a–2d) list the features not available in BitPim. Multiple tables are necessary due to individual mobile devices providing different features. Therefore, case selection is device dependent.

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-10)
Acquire mobile device internal memory and review data	CFT-IMO-01
via supported generated report formats	
Acquire mobile device internal memory and review	CFT-IMO-02
reported data via the preview pane	
Acquire mobile device internal memory and compare	CFT-IMO-03
reported data via the preview pane and supported	
generated report formats	
Perform a physical acquisition and review data output	CFT–IMO–05
for readability	
Acquire mobile device internal memory and review	CFT-IMO-07
generated log files	
Acquire mobile device internal memory and review data	CFT–IMO–08
containing foreign language characters	

### Table 1a: Selected Test Cases (LG VX5400, SCH-u740)

### Table 1b: Selected Test Cases (LG VX6100)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01)

### Table 1c: Selected Test Cases (Moto v710)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-06, 08-10)
Acquire mobile device internal memory and review data	CFT-IMO-01
via supported generated report formats	
Acquire mobile device internal memory and review	CFT-IMO-02
reported data via the preview pane	
Acquire mobile device internal memory and compare	CFT-IMO-03
reported data via the preview pane and supported	
generated report formats	
Perform a physical acquisition and review data output	CFT–IMO–05
for readability	

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Acquire mobile device internal memory and review	CFT–IMO–07
generated log files	
Acquire mobile device internal memory and review data	CFT–IMO–08
containing foreign language characters	

### Table 1d: Selected Test Cases (SPH-a660)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-06,08)
Acquire mobile device internal memory and review data	CFT-IMO-01
via supported generated report formats	
Acquire mobile device internal memory and review	CFT-IMO-02
reported data via the preview pane	
Acquire mobile device internal memory and compare	CFT–IMO–03
reported data via the preview pane and supported	
generated report formats	
Perform a physical acquisition and review data output	CFT–IMO–05
for readability	
Acquire mobile device internal memory and review	CFT-IMO-07
generated log files	
Acquire mobile device internal memory and review data	CFT–IMO–08
containing foreign language characters	

### Table 2a: Omitted Test Cases (LG VX5400, SCH–u740)

Unsupported Optional Feature	Cases omitted (not executed)
After a successful mobile device internal memory	CFT–IMO–04
acquisition, alter the case file via third-party means and	
attempt to reopen the case file	
Perform a physical acquisition and review reports for	CFT–IMO–06
recoverable deleted data	
Acquire mobile device internal memory and review hash	CFT–IMO–09
values for vendor supported data objects	
Acquire mobile device internal memory and review the	CFT-IMO-10
overall case file hash	

### Table 2b: Omitted Test Cases (LG VX6100)

Unsupported Optional Feature	Cases omitted (not executed)
Attempt internal memory acquisition of a nonsupported	CFT-IM-02
mobile device	
Begin mobile device internal memory acquisition and	CFT-IM-03
interrupt connectivity by interface disengagement	
Acquire mobile device internal memory and review	CFT-IM-04
reported data via the preview pane or generated reports	
for readability	

Acquire mobile device internal memory and review	CFT–IM–05
reported subscriber and equipment related information	
(i.e., MEID/ESN, MSISDN)	
Acquire mobile device internal memory and review	CFT-IM-06
reported PIM related data	
Acquire mobile device internal memory and review	CFT–IM–07
reported call logs	
Acquire mobile device internal memory and review	CFT-IM-08
reported text messages	
Acquire mobile device internal memory and review	CFT-IM-09
reported MMS multimedia related data (i.e., text, audio,	
graphics, video)	
Acquire mobile device internal memory and review	CFT-IM-10
reported stand-alone multimedia data (i.e., audio,	
graphics, video).	
Acquire mobile device internal memory and review	CFT-IMO-01
reported data via supported generated report formats	
Acquire mobile device internal memory and review	CFT-IMO-02
reported data via the preview pane	
Acquire mobile device internal memory and compare	CFT-IMO-03
reported data via the preview pane and supported	
generated reports	
After a successful mobile device internal memory	CFT-IMO-04
acquisition, alter the case file via third-party means and	
attempt to reopen the case file.	
Perform a physical acquisition and review data output	CFT-IMO-05
for readability	
Perform a physical acquisition and review reports for	CFT-IMO-06
recoverable deleted data	
Acquire mobile device internal memory and review	CFT-IMO-07
generated log files	
Acquire mobile device internal memory and review data	CFT–IMO–08
containing foreign language characters	
Acquire mobile device internal memory and review hash	CFT-IMO-09
values for vendor supported data objects	
Acquire mobile device internal memory and review the	CFT–IMO–10
overall case file hash	

### Table 2c: Omitted Test Cases (Moto v710)

Unsupported Feature / Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and review	CFT-IM-07
reported call logs	
After a successful mobile device internal memory	CFT-IMO-04
acquisition, alter the case file via third-party means and	
attempt to reopen the case file	

Unsupported Feature / Optional Feature	Cases omitted (not executed)
Perform a physical acquisition and review reports for	CFT–IMO–06
recoverable deleted data	
Acquire mobile device internal memory and review hash	CFT–IMO–09
values for vendor supported data objects	
Acquire mobile device internal memory and review the	CFT-IMO-10
overall case file hash	

Table 2d: Omitted Test Cases (SPH-a660)

Unsupported Feature / Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and review	CFT-IM-07
reported call logs	
Acquire mobile device internal memory and review	CFT-IM-09
reported MMS multimedia related data (i.e., text, audio,	
graphics, video).	
Acquire mobile device internal memory and review	CFT-IM-10
reported stand-alone multimedia data (i.e., audio,	
graphics, video)	
After a successful mobile device internal memory	CFT–IMO–04
acquisition, alter the case file via third-party means and	
attempt to reopen the case file	
Acquire mobile device internal memory and review hash	CFT-IMO-09
values for vendor supported data objects	
Acquire mobile device internal memory and review the	CFT-IMO-10
overall case file hash	

# 3 Results by Test Assertion

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

### Table 3a: Assertions Tested: (LG VX5400, SCH-u740)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of	9	
the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
A_IM-02 If a cellular forensic tool attempts to connect to a	1	
nonsupported device then the tool shall have the ability to identify that		
the device is not supported.		
A_IM–03 If a cellular forensic tool encounters disengagement between	1	
the device and application then the application shall notify the user that		

connectivity has been disrupted.7A_IM-04 If a cellular forensic tool successfully completes acquisition7of the target device then the tool shall have the ability to present7acquired data elements in a human-readable format via either a preview7	
of the target device then the tool shall have the ability to present	
acquired data elements in a human-readable format via either a preview	
acquired data cicinents in a numun readable format via citiler a preview	
pane or generated report.	
A_IM-05 If a cellular forensic tool successfully completes acquisition 1	
of the target device then subscriber related information shall be	
presented in a human-readable format without modification.	
<b>A_IM–06</b> If a cellular forensic tool successfully completes acquisition 1	
of the target device then equipment related information shall be	
presented in a human-readable format without modification.	
<b>A_IM–07</b> If a cellular forensic tool successfully completes acquisition 1	
of the target device then all known address book entries shall be	
presented in a human-readable format without modification.	
<b>A_IM–08</b> If a cellular forensic tool successfully completes acquisition 1	
of the target device then all known maximum length address book	
entries shall be presented in a human-readable format without	
modification.	
<b>A_IM–09</b> If a cellular forensic tool successfully completes acquisition 1	
of the target device then all known address book entries containing	
special characters shall be presented in a human-readable format	
without modification.	
<b>A_IM–10</b> If a cellular forensic tool successfully completes acquisition 1	
of the target device then all known address book entries containing	
blank names shall be presented in a human-readable format without	
modification.	
A_IM-11 If a cellular forensic tool successfully completes acquisition 1	
of the target device then all known email addresses associated with	
address book entries shall be presented in a human-readable format	
without modification.	
<b>A_IM–12</b> If a cellular forensic tool successfully completes acquisition 1	
of the target device then all known graphics associated with address	
book entries shall be presented in a human-readable format without	
modification.	
<b>A_IM–13</b> If a cellular forensic tool successfully completes acquisition 1	
of the target device then all known datebook, calendar, note entries shall	
be presented in a human-readable format without modification.	
<b>A_IM–14</b> If a cellular forensic tool successfully completes acquisition 1	
of the target device then all maximum length datebook, calendar, note	
entries shall be presented in a human readable format without	
modification.	
<b>A_IM–15</b> If a cellular forensic tool successfully completes acquisition 1	
of the target device then all call logs (incoming/outgoing) shall be	1
of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.	

### Table 3b: Assertions Tested (LG VX6100)

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

### Table 3c: Assertions Tested (Motorola V710)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of	8	
the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
A_IM-02 If a cellular forensic tool attempts to connect to a	1	
nonsupported device then the tool shall have the ability to identify that		
the device is not supported.		
A_IM–03 If a cellular forensic tool encounters disengagement between	1	
the device and application then the application shall notify the user that		
connectivity has been disrupted.		
A_IM-04 If a cellular forensic tool successfully completes acquisition	6	
of the target device then the tool shall have the ability to present		
acquired data elements in a human-readable format via either a preview		
pane or generated report.		
A_IM-05 If a cellular forensic tool successfully completes acquisition	1	
of the target device then subscriber related information shall be		
presented in a human-readable format without modification.		
A_IM–06 If a cellular forensic tool successfully completes acquisition	1	
of the target device then equipment related information shall be		
presented in a human-readable format without modification.		
A_IM–07 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known address book entries shall be		
presented in a human-readable format without modification.		
A_IM-08 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known maximum length address book		
entries shall be presented in a human-readable format without		
modification.		
A_IM–09 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known address book entries containing		
special characters shall be presented in a human-readable format		
without modification.		
A_IM–10 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known address book entries containing		
blank names shall be presented in a human-readable format without		
modification.		
A_IM–11 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known email addresses associated with		
address book entries shall be presented in a human-readable format		

mit out modification		
without modification.		
A_IM–12 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known graphics associated with address		
book entries shall be presented in a human-readable format without		
modification.		
A_IM–13 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known datebook, calendar, note entries shall		
be presented in a human-readable format without modification.		
A_IM–14 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all maximum length datebook, calendar, note		
entries shall be presented in a human readable format without		
modification.		
A_IM–16 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all text messages (i.e., SMS, EMS) messages	1	
shall be presented in a human-readable format without modification.	1	
A_IM–17 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all MMS messages and associated audio shall		
be presented properly without modification.		
A_IM–18 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all MMS messages and associated images shall		
be presented properly without modification.		
A_IM–19 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all MMS messages and associated video shall		
be presented properly without modification.		
A_IM-20 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all stand-alone audio files shall be playable via		
either an internal application or suggested third-party application		
without modification.		
A_IM-21 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all stand-alone image files shall be viewable via	1	
either an internal application or suggested third-party application		
without modification.		
	1	
A_IM–22 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all stand-alone video files shall be viewable via		
either an internal application or suggested third-party application		
without modification.		
A_IMO-23 If a cellular forensic tool successfully completes acquisition	4	
of the target device then the tool shall present the acquired data without		
modification via supported generated report formats.		
A_IMO-24 If a cellular forensic tool successfully completes acquisition	4	
of the target device then the tool shall present the acquired data without		
modification in a preview-pane view.		
A_IMO-25 If a cellular forensic tool provides a preview-pane view and	1	
a generated report of the acquired data then the reports shall maintain		
consistency of all reported data elements.		
A_IMO–27 If the cellular forensic tool supports a physical acquisition	1	
A_INIO-27 II ule centular forensie toor supports a physical acquisition	1	

of the target device then the tool shall successfully complete the		
acquisition and present the data in a human-readable format.		
A_IMO–36 If the cellular forensic tool supports log creation then the	1	
application should present the log files consistent with the application		
documentation (e.g., outlining the acquisition process).		
A_IMO-37 If the cellular forensic tool supports proper display of	1	3.2
foreign language character sets then the application should present		
address book entries containing foreign language characters in their		
native format without modification.		
A_IMO-38 If the cellular forensic tool supports proper display of	1	3.2
foreign language character sets then the application should present text		
messages containing foreign language characters in their native format		
without modification.		

### Table 3d: Assertions Tested (SPH a660)

Assertions Tested	Tests	Anomaly
A_IM–01 If a cellular forensic tool provides support for connectivity of	6	
the target device then the tool shall successfully recognize the target		
device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
A_IM–02 If a cellular forensic tool attempts to connect to a	1	
nonsupported device then the tool shall have the ability to identify that		
the device is not supported.		
A_IM–03 If a cellular forensic tool encounters disengagement between	1	
the device and application then the application shall notify the user that		
connectivity has been disrupted.		
A_IM–04 If a cellular forensic tool successfully completes acquisition	4	
of the target device then the tool shall have the ability to present		
acquired data elements in a human-readable format via either a preview		
pane or generated report.		
A_IM-05 If a cellular forensic tool successfully completes acquisition	1	
of the target device then subscriber related information shall be		
presented in a human-readable format without modification.		
A_IM-06 If a cellular forensic tool successfully completes acquisition	1	
of the target device then equipment related information shall be		
presented in a human-readable format without modification.		
A_IM–07 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known address book entries shall be		
presented in a human-readable format without modification.		
A_IM-08 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known maximum length address book		
entries shall be presented in a human-readable format without		
modification.		
A_IM-09 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known address book entries containing		
special characters shall be presented in a human-readable format		

without modification.		
A_IM-10 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known address book entries containing	1	
blank names shall be presented in a human-readable format without		
modification.		
A_IM-11 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known email addresses associated with	1	
address book entries shall be presented in a human-readable format		
without modification.		
A_IM-12 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all known graphics associated with address	1	
book entries shall be presented in a human-readable format without		
modification.		
A_IM-13 If a cellular forensic tool successfully completes acquisition	1	
	1	
of the target device then all known datebook, calendar, note entries shall be presented in a human readable formet without modification		
be presented in a human-readable format without modification.	1	
A_IM-14 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all maximum length datebook, calendar, note		
entries shall be presented in a human readable format without		
modification.	1	
A_IM-16 If a cellular forensic tool successfully completes acquisition	1	
of the target device then all text messages (i.e., SMS, EMS) messages		
shall be presented in a human-readable format without modification.		
A_IMO-23 If a cellular forensic tool successfully completes acquisition	5	
of the target device then the tool shall present the acquired data without		
modification via supported generated report formats.		
A_IMO-24 If a cellular forensic tool successfully completes acquisition	5	
of the target device then the tool shall present the acquired data without		
modification in a preview-pane view.		
A_IMO-25 If a cellular forensic tool provides a preview-pane view and	1	
a generated report of the acquired data then the reports shall maintain		
consistency of all reported data elements.		
A_IMO–27 If the cellular forensic tool supports a physical acquisition	1	
of the target device then the tool shall successfully complete the		
acquisition and present the data in a human-readable format.		
A_IMO–28 If the cellular forensic tool supports a physical acquisition	1	
of address book entries present on the target device then the tool shall		
report recoverable deleted entries or data remnants in a human-readable		
format.		
A_IMO–29 If the cellular forensic tool supports a physical acquisition	1	
of calendar, tasks, or notes present on the target device then the tool		
shall report recoverable deleted calendar, tasks, or note entries or data		
remnants in a human-readable format.		
A_IMO–30 If the cellular forensic tool supports a physical acquisition	1	
of call logs present on the target device then the tool shall report		
recoverable deleted call log data or data remnants in a human-readable		

format.		
<b>A_IMO–31</b> If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.	1	
A_IMO-32 If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.	1	
A_IMO-33 If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human- readable format.	1	
A_IMO-34 If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.	1	
A_IMO-35 If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.	1	
<b>A_IMO–36</b> If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).	1	
A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.	1	
<b>A_IMO–38</b> If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.	1	3.2

Tables 4a–4d list the assertions that were not tested, usually due to the tool not supporting an optional feature.

 Table 4a: Assertions Not Tested (LG VX5400, SCH u740)

Assertions not Tested A\_IMO-26 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

A\_IMO-28 If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted entries or data remnants in a human-readable format.

A\_IMO-29 If the cellular forensic tool supports a physical acquisition of calendar, tasks,

or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note entries or data remnants in a human-readable format.

**A\_IMO–30** If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call log data or data remnants in a human-readable format.

A\_IMO-31 If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.

**A\_IMO–32** If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.

**A\_IMO–33** If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.

**A\_IMO–34** If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.

**A\_IMO–35** If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.

A\_IMO-39 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.

**A\_IMO–40** If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.

### Table 4b: Assertions Not Tested (LG VX6100) Image: Comparison of the second second

### Assertions not Tested

**A\_IM–02** If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall have the ability to identify that the device is not supported.

**A\_IM–03** If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.

**A\_IM–04** If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.

**A\_IM–05** If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.

**A\_IM–06** If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.

**A\_IM–07** If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.

**A\_IM–08** If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-

readable format without modification.

**A\_IM–09** If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.

**A\_IM–10** If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.

**A\_IM–11** If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.

**A\_IM–12** If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.

**A\_IM–13** If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.

A\_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.

**A\_IM–15** If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.

A\_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.

A\_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.

**A\_IM–18** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.

A\_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.

**A\_IM–20** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.

**A\_IM–21** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.

**A\_IM–22** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.

**A\_IMO–23** If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.

A\_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.

A\_IMO-25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.

**A\_IMO–26** If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

A\_IMO-27 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.

A\_IMO-28 If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted entries or data remnants in a human-readable format.

A\_IMO-29 If the cellular forensic tool supports a physical acquisition of calendar, tasks, or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note entries or data remnants in a human-readable format.

**A\_IMO–30** If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call log data or data remnants in a human-readable format.

A\_IMO-31 If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.

A\_IMO-32 If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.

**A\_IMO–33** If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.

**A\_IMO–34** If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.

**A\_IMO–35** If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.

**A\_IMO–36** If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).

**A\_IMO–37** If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.

A\_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.

A\_IMO-39 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. A\_IMO-40 If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.

### Table 4c: Assertions Not Tested (Moto v710)

Assertions not Tested

A\_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.

**A\_IMO–26** If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

A\_IMO-28 If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted entries or data remnants in a human-readable format.

A\_IMO-29 If the cellular forensic tool supports a physical acquisition of calendar, tasks, or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note entries or data remnants in a human-readable format.

A\_IMO-30 If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call log data or data remnants in a human-readable format.

**A\_IMO–31** If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.

A\_IMO-32 If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.

A\_IMO-33 If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.

A\_IMO-34 If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.

A\_IMO-35 If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.

A\_IMO-39 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.

A\_IMO-40 If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.

### Table 4d: Assertions Not Tested (Samsung SPH-a660)

Assertions not Tested A\_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.

**A\_IM–17** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.

A\_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.

**A\_IM–19** If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.

**A\_IM–20** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.

**A\_IM–21** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.

**A\_IM–22** If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.

**A\_IMO–26** If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

**A\_IMO–39** 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.

A\_IMO-40 If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.

## 3.1 Device Connectivity

Connectivity with the LG VX6100 over a cable interface was not established. BitPim generated the following log file:

```
13:23:38.108 COM11: Opening port COM11, 115200 baud, timeout 3.000000, hardwareflow 0,
softwareflow 0
13:23:38.233 COM11: Open of comm port suceeded
13:23:38.233 LG-VX6100: Attempting to contact phone
13:23:38.233 LG-VX6100: Listing subdirs in dir:
13:23:38.250 LG-VX6100: X recurse=0
13:23:41.265 COM11: Timed out - flushing and trying again
13:23:44.265 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:23:47.280 COM11: Timed out - flushing and trying again
13:23:50.296 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:23:50.342 COM11: Changed port speed to 38400
13:23:53.858 COM11: Timed out - flushing and trying again
13:23:56.875 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:23:56.921 COM11: Changed port speed to 115200
13:24:00.437 COM11: Timed out - flushing and trying again
13:24:03.453 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:06.467 LG-VX6100: No response to AT+GMM
13:24:09.483 LG-VX6100: No response to setting QCDMG mode
13:24:09.530 COM11: Changed port speed to 115200
13:24:13.046 LG-VX6100: No response to AT+GMM
13:24:16.062 LG-VX6100: No response to setting QCDMG mode
13:24:16.125 COM11: Changed port speed to 19200
13:24:19.640 LG-VX6100: No response to AT+GMM
13:24:22.640 LG-VX6100: No response to setting QCDMG mode
13:24:22.703 COM11: Changed port speed to 230400
13:24:26.217 LG-VX6100: No response to AT+GMM
13:24:29.233 LG-VX6100: No response to setting QCDMG mode
13:24:32.250 COM11: Timed out - flushing and trying again
13:24:35.250 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:35.312 COM11: Changed port speed to 38400
13:24:38.828 COM11: Timed out - flushing and trying again
13:24:41.828 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:41.890 COM11: Changed port speed to 115200
13:24:45.405 COM11: Timed out - flushing and trying again
13:24:48.421 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:48.421 Failed to read filesystem
13:24:48.421 LG-VX6100: Listing files in dir: ''
13:24:51.437 COM11: Timed out - flushing and trying again
13:24:54.437 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:57.453 COM11: Timed out - flushing and trying again
```

### 3.2 Acquisition of Data Containing Non-ASCII Characters

Address book entries containing non-ASCII characters were not reported in their native format (e.g., characters containing accent marks such as: à, é were excluded) for the following devices: LG vx5400, Samsung SCH u740.

Text messages containing non-ASCII characters were not reported in their native format (e.g., characters containing accent marks such as: à, é were excluded from the text) for the following devices: LG vx5400, Motorola v710, Samsung SCH u740, Samsung SPH a660.

Address book entries and text messages containing characters such as: 阿恶哈拉 were not reported.

# 4 **Testing Environment**

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

One test computer was used.

Morrisy has the following configuration:

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

# 5 Test Results

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

# 5.1 Test Results Report Key

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

Heading	Description	
First Line:	Test case ID, name, and version of tool tested.	
Case Summary:	Test case summary from Non-GSM Mobile Tool Test	
	Assertions and Test Plan Version 1.1.	
Assertions:	The test assertions applicable to the test case, selected from	
	Non-GSM Mobile Device Tool Test Assertions and Test Plan	
	Version 1.1.	
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.	
Source Setup:	Outline of data object types populated on the device.	
Log Highlights:	Information extracted from various log files to illustrate	
	conformance or nonconformance to the test assertions.	
Results:	Expected and actual results for each assertion tested.	
Analysis:	Whether or not the expected results were achieved.	

Table 2 Test Results Report Key

# 5.2 Test Details

# 5.2.1 CFT-IM-01 (LG VX5400)

Case	FT-IM-01 BitPim 1.0.6-official CFT-IM-01 Acquire mobile device internal memory over supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:			
A3361 C10113 .			
	the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
		pportoa incorraces (0.9.7 casio, siacescon, iish).	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 13 12:00:26 EDT 2009		
Device:	LG vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	Transfer OVO David	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted Incoming EMS - Read	
		Incoming EMS - Read Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IM-01 BitPim 1.0.6-official	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 12:00:26 EDT 2009 Acquisition finished: Mon Jul 13 12:03:19 EDT 2009 Device connectivity was established via supported inter	face
Results:	Assertion & Expected Result	Actual Result
	A_IM-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

# 5.2.2 CFT-IM-02 (LG VX5400)

Case	-IM-02 BitPim 1.0.6-office	
Summary:	CFT-IM-02 Attempt internal memory acquisition of a non-supported mobile device.	
Assertions:		
		all have the ability to identify that the device is
	not supported.	
Cester Name:	rpa	
lest Host:	Morrisy	
lest Date:	Mon Jul 13 12:04:23 EDT	2009
Device:	non supported device	
Source	OS: WIN XP	
Setup:	Interface: cable	
-	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
	Carr Logo	Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	Ourgoing Dereceu
	Text Messages	Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
	1	

Test Case CFT	-IM-02 BitPim 1.0.6-official		
Highlights:	Acquisition started: Mon Jul 13 12:04:23 EDT 2009		
	Acquisition finished: Mon Jul 13 12:05:50 EDT 2009		
	Identification of non-supported devices was succes	sful	
Results:			
	Assertion & Expected Result	Actual Result	
	A_IM-02 Identification of non-supported devices.	as expected	
	A_IM-02 Identification of non-supported devices.	as expected	

# 5.2.3 CFT-IM-03 (LG VX5400)

Test Case CFT	-IM-03 BitPim 1.0.6-offici		
Case	CFT-IM-03 Begin mobile device internal memory acquisition and interrupt		
Summary:	connectivity by interface disengagement.		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivi		
		ne tool shall successfully recognize the target	
	device via all vendor sup	oported interfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool encounters disengagement between the	
		nen the application shall notify the user that	
	connectivity has been dis		
		· · <u>·</u> · · · · ·	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jul 13 12:19:01 EDT 2009		
Device:	LG vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
occup.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Address Book Entries	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	5900141 014140001	
	Call Dogb	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS - Deleted	
		Outgoing EMS - Deleted	
	MMC Manager and a	outgoing mma - Defeted	
	MMS Messages	Tapanina Audia	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image Deleted	
		Image - Deleted	
		Video	
		Video - Deleted	

Loq	Created By BitPim Version 1.0.6 - official		
Highlights:	Acquisition started: Mon Jul 13 12:19:01 EDT 2009		
nightights.	Acquisition finished: Mon Jul 13 12:21:48 EDT 2009		
	Device connectivity was established via supported interf Device acquisition disruption notification was successfu		
Results:		1	
Results:	Assertion & Expected Result	Actual Result	
Results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces.	Actual Result as expected	
Results:	L		

# 5.2.4 CFT-IM-04 (LG VX5400)

	IM-04 (LO V/0400)	ial	
Case		device internal memory and review reported data	
Summary:	via the preview-pane or generated reports for readability.		
Assertions:		rensic tool provides support for connectivity of	
A3561 C10115.		he tool shall successfully recognize the target	
		oported interfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of	
		he tool shall have the ability to present acquired	
		-readable format via either a preview-pane or	
	generated report.		
lester	rpa		
Jame:			
'est Host:	Morrisy		
est Date:	Mon Jul 13 12:29:50 EDT 2009		
Device:	LG_vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
1 .	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	MAGTERS BOOK FULLTES	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
	<u> </u>	Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
	ļ	Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
	1	Video	
		Video - Deleted	

2009 T 2009 orted interface a was successful
Actual Result
nterfaces. as expected
uired data via as expected
ç

# 5.2.5 CFT-IM-05 (LG VX5400)

Test Case CF1	-IM-05 BitPim 1.0.6-off	icial	
Case		ile device internal memory and review reported	
Summary:		ent related information (i.e., MEID, MSISDN).	
Assertions:		forensic tool provides support for connectivity of	
	the target device the	n the tool shall successfully recognize the target	
		supported interfaces (e.g., cable, Bluetooth, IrDA).	
	A_IM-04 If a cellular	forensic tool successfully completes acquisition of	
	the target device the	n the tool shall have the ability to present acquired	
	data elements in a hur	nan-readable format via either a preview-pane or	
	generated report.		
	A IM-05 If a cellular	forensic tool successfully completes acquisition of	
	the target device then subscriber related information shall be presented in a human-readable format without modification.		
	a human-readable forma	at without modification.	
	A IM-06 If a cellular	forensic tool successfully completes acquisition of	
	the target device ther	n equipment related information shall be presented in	
	a human-readable format without modification.		
	a numan-readable format without modification.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Mon Jul 13 12:49:29 EI	DT 2009	
Device:	LG vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Madress book Eneries	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
	Call Hogs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
	1.1	Sacgoing Audio	
		Outgoing Imago	
		Outgoing Image Outgoing Video	

	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
	AIGE0 DETECED		
Log	Created By BitPim Version 1.0.6 - official		
Highlights:	Acquisition started: Mon Jul 13 12:49:29 EDT 2009		
	Acquisition finished: Mon Jul 13 12:54:20 EDT 2009		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
Results.	Readability and completeness of acquired data was successful		
Results:	Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w	ere acquired	
Results:	Readability and completeness of acquired data was successful		
Results:	Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w Assertion & Expected Result	Actual Result	
Results:	Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces.	Actual Result as expected	
Results:	Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result	
Results:	Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected	
Results:	Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports. A IM-05 Acquisition of MSISDN.	Actual Result as expected as expected as expected	
Results:	Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected	
Results:	Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports. A IM-05 Acquisition of MSISDN.	Actual Result as expected as expected as expected	

# 5.2.6 CFT-IM-06 (LG VX5400)

Test Case CF	T-IM-06 BitPim 1.0.6-offic	ial		
Case		e device internal memory and review reported PIM		
Summary:	related data.	1 1		
Assertions:	A IM-01 If a cellular fo	prensic tool provides support for connectivity of		
		the tool shall successfully recognize the target		
	device via all vendor su	upported interfaces (e.g., cable, Bluetooth, IrDA).		
	A_IM-04 If a cellular fo	prensic tool successfully completes acquisition of		
	the target device then t	the tool shall have the ability to present acquired		
	data elements in a humar	n-readable format via either a preview-pane or		
	generated report.			
		prensic tool successfully completes acquisition of		
	2	all known address book entries shall be presented in		
	a human-readable format			
	A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification. A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without			
	modification.			
		A_IM-10 If a cellular forensic tool successfully completes acquisition of		
	-	all known address book entries containing blank		
		d in a human-readable format without modification.		
		prensic tool successfully completes acquisition of		
		the target device then all known email addresses associated with address		
	book entries shall be presented in a human-readable format without			
	modification.			
		prensic tool successfully completes acquisition of		
	entries shall be present	the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification		
	A IM-13 If a cellular forensic tool successfully completes acquisition of			
		prensic tool successfully completes acquisition of		
	the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be		
	the target device then a presented in a human-rea	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification.		
	the target device then a presented in a human-rea A_IM-14 If a cellular fo	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of		
	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries		
	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of		
m1	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries		
	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries		
Tester Name:	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries		
Name: Test Host:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Name: Test Host: Test Date:	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT</pre>	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Name: Fest Host: Fest Date: Device:	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400</pre>	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Name: Fest Host: Fest Date: Device:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Name: Cest Host: Cest Date: Device: Source	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400</pre>	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Jame: Pest Host: Pest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
ame: Pest Host: Pest Date: Pevice: Cource	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable</pre>	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
Jame: Pest Host: Pest Date: Device: Source	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS</pre>	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
ame: Pest Host: Pest Date: Pevice: Cource	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS</pre>	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.		
ame: Pest Host: Pest Date: Pevice: Cource	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS</pre>	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture		
ame: Pest Host: Pest Date: Pevice: Cource	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS</pre>	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character		
Jame: Pest Host: Pest Date: Device: Source	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS</pre>	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification.         Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.         2009         DATA ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name		
Jame: Pest Host: Pest Date: Device: Source	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS</pre>	Derensic tool successfully completes acquisition of         all known datebook, calendar, note entries shall be         adable format without modification.         Derensic tool successfully completes acquisition of         all maximum length datebook, calendar, note entries         human readable format without modification.         2009         DATA ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name         Regular Length, Deleted email - deleted picture		
ame: Pest Host: Pest Date: Pevice: Cource	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS</pre>	DATA ELEMENTS		
ame: est Host: est Date: evice: ource	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	Derensic tool successfully completes acquisition of         all known datebook, calendar, note entries shall be         adable format without modification.         Derensic tool successfully completes acquisition of         all maximum length datebook, calendar, note entries         human readable format without modification.         2009         DATA ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name         Regular Length, Deleted email - deleted picture		
ame: Pest Host: Pest Date: Pevice: Cource	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS</pre>	DATA ELEMENTS  DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry		
ame: Pest Host: Pest Date: Pevice: Cource	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length		
Jame: Pest Host: Pest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20		
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length		
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS DATA ELEMENTS Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length		
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Maximum Length Regular Length Deleted Entry		
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Maximum Length Regular Length Deleted Entry		
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Maximum Length Regular Length Deleted Entry Special Character Missed		
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted		
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming		
Name: Fest Host: Fest Date:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted		
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted Outgoing		
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Mon Jul 13 13:18:05 EDT LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted		

	Incoming SMS - Read	
	Incoming SMS - Read	
	Incoming SMS - Deleted	
	Outgoing SMS	
	Outgoing SMS - Deleted	
	Incoming EMS - Read	
	Incoming EMS - Unread	
	Incoming Foreign EMS - Read	
	Incoming EMS - Deleted	
	Outgoing EMS	
	Outgoing EMS - Deleted	
	MMS Messages	
	Incoming Audio	
	Incoming Image	
	Incoming Video	
	Outgoing Audio	
	Outgoing Image	
	Outgoing Video	
	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
	11400 2010004	
	Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009	
g hlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009	
	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired	Actual
hlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired	
hlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired Assertion & Expected Result	Actual Result as expected
hlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result
hlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related Result Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected
hlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired ALL PIM related Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book	Actual Result as expected as expected as expected
hlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a	Actual Result as expected as expected as expected as expected
hlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within	Actual Result as expected as expected as expected as expected as expected
hlights:	Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address	Actual Result as expected as expected as expected as expected as expected as expected
hlights:	<pre>Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired</pre> Assertion & Expected Result           A IM-01 Device connectivity via supported interfaces.           A_IM-04 Readability and completeness of acquired data via supported reports.           A IM-07 Acquisition of address book entries.           A_IM-08 Acquisition of maximum length address book entries.           A_IM-09 Acquisition of address book entries containing special characters.           A_IM-10 Acquisition of address book entries containing a blank name entry.           A_IM-11 Acquisition of embedded email addresses within address book entries.	Actual Result as expected as expected as expected as expected as expected as expected as expected

#### 5.2.7 CFT-IM-07 (LG VX5400)

Test Case CF1	-IM-07 BitPim 1.0.6-offic	ial	
Case		e device internal memory and review reported call	
Summary:	logs.		
Assertions:	A IM-01 If a cellular fo	prensic tool provides support for connectivity of	
	the target device then t	he tool shall successfully recognize the target	
	device via all vendor su	pported interfaces (e.g., cable, Bluetooth, IrDA).	
	A IM-04 If a cellular fo	prensic tool successfully completes acquisition of	
	the target device then t	he tool shall have the ability to present acquired	
	data elements in a human	-readable format via either a preview-pane or	
	generated report.		
		prensic tool successfully completes acquisition of	
		Il call logs (incoming/outgoing) shall be presented	
	in a human-readable form	at without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Mon Jul 13 13:22:38 EDT	2009	
Device:	LG vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries	Mo loo w Taxath	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
	-	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
	1.1	Image	

	Image - Deleted		
	Video		
	Video - Deleted		
Loq	Created By BitPim Version 1.0.6 - official		
Highlights:	Acquisition started: Mon Jul 13 13:22:38 EDT 2009		
-	Acquisition finished: Mon Jul 13 13:26:11 EDT 2009		
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired		
	Readability and completeness of acquired data was successful		
Results:	Readability and completeness of acquired data was successful	Actual Result	
Results:	Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired	Actual	
Results:	Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result	Actual Result	

#### 5.2.8 CFT-IM-08 (LG VX5400)

	-IM-08 BitPim 1.0.6-offic	ial	
Case		device internal memory and review reported text	
Summary:	messages.		
Assertions:	A IM-01 If a cellular fo	rensic tool provides support for connectivity of	
	the target device then t	he tool shall successfully recognize the target	
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
	A IM-04 If a cellular fo	rensic tool successfully completes acquisition of	
	the target device then the tool shall have the ability to present acquired		
	data elements in a human	-readable format via either a preview-pane or	
	generated report.		
		rensic tool successfully completes acquisition of	
		ll text messages (i.e., SMS, EMS) messages shall be	
	presented in a human-rea	dable format without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy	2000	
Test Date:	Mon Jul 13 13:27:45 EDT	2009	
Device:	LG vx5400		
Source	OS: WIN XP Interface: cable		
Setup:	DATA OBJECTS		
		DATA ELEMENTS	
	Address Book Entries	Marchana Tarath	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
	Stand-alone data files	Audio	
	Stand-alone data files	Audio Audio - Deleted	

	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By BitPim Version 1.0.6 - official		
Highlights:	Acquisition started: Mon Jul 13 13:27:45 EDT 2009		
iirdiirrdiice.	Acquisition finished: Mon Jul 13 13:37:22 EDT 2009		
	Acquisición linisneu. Mon our 15 15.57.22 EDI 2005		
	Device connectivity was established with supported interface		
	Device connectivity was established via supported interface		
	Readability and completeness of acquired data was successful		
	Readability and completeness of acquired data was successful		
Results:	Readability and completeness of acquired data was successful		
Results:	Readability and completeness of acquired data was successful	Actual Result	
Results:	Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired	Actual	
Results:	Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired Assertion & Expected Result	Actual Result	
Results:	Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected	
Results:	Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected	
Results:	Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected	
Results:	Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected	

## 5.2.9 CFT-IM-09 (LG VX5400)

Test Case CFT	-IM-09 BitPim 1.0.6-offic	cial	
Case		e device internal memory and review reported MMS	
Summary:		a (i.e., text, audio, graphics, video).	
Assertions:	_	prensic tool provides support for connectivity of	
		the tool shall successfully recognize the target	
		upported interfaces (e.g., cable, Bluetooth, IrDA).	
		prensic tool successfully completes acquisition of	
	-	the tool shall have the ability to present acquired	
	data elements in a human	n-readable format via either a preview-pane or	
	generated report.		
		prensic tool successfully completes acquisition of	
	the target device then a	all MMS messages and associated audio shall be	
	presented properly with	out modification.	
		prensic tool successfully completes acquisition of	
	the target device then a	all MMS messages and associated images shall be	
	presented properly without modification.		
	A IM-19 If a cellular forensic tool successfully completes acquisition of		
	the target device then all MMS messages and associated video shall be		
	presented properly with	out modification.	
Tester	rpa		
Name: Test Host:	Morrisy		
Test Date:	Mon Jul 13 13:59:55 EDT	2009	
Device:	LG vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
eecap.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Hadrebb book Enerreb	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Toxt Magazza	ourgoing - Defered	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	Sacdorud Puo Derecea	
	mio messages	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	

		Outgoing Image	
		Outgoing Video	
	Stand-alone data files	Ourgoing Video	
	Stand-atone data files	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		Video - Dereced	
T o m	Created Dr. DitDim Version		
Log Uishlishta	Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:59:55 EDT 2009		
Highlights:	1		
	Acquisition finished: Mon Jul 13 14:09:39 EDT 2009		
	Device connectivity was established via supported interface		
		ness of acquired data was successful	
	Audio MMS messages were a		
	Image MMS messages were a		
	Video MMS messages were n	-	
	· Laco Into motolagoo woro i	loo doquiiod ini	
Results:			
	Assertion & Expected Rea	sult	Actual Result
	A IM-01 Device connecti	vity via supported interfaces.	as expected
	A IM-04 Readability and completeness of acquired data via		as expected
	supported reports.		
	A IM-17 Acquisition of	audio MMS messages.	as expected
	A IM-18 Acquisition of		as expected
	A IM-19 Acquisition of	video MMS messages.	NA
Analysis:	Expected results achieved	4	

## 5.2.10 CFT-IM-10 (LG VX5400)

	-IM-10 BitPim 1.0.6-offic		
Case		e device internal memory and review reported stand-	
Summary:		(i.e., audio, graphics, video).	
Assertions:		orensic tool provides support for connectivity of	
	the target device then	the tool shall successfully recognize the target	
		upported interfaces (e.g., cable, Bluetooth, IrDA).	
		orensic tool successfully completes acquisition of	
		the tool shall have the ability to present acquired	
	data elements in a huma	n-readable format via either a preview-pane or	
	generated report.		
	A_IM-20 If a cellular f	orensic tool successfully completes acquisition of	
	the target device then	all stand-alone audio files shall be playable via	
	either an internal appl	ication or suggested third-party application without	
	modification.		
	A IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application withou		
	modification.		
	A IM-22 If a cellular f	orensic tool successfully completes acquisition of	
		all stand-alone video files shall be viewable via	
	-	ication or suggested third-party application without	
	modification.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Iest Date:	Mon Jul 13 14:10:57 EDT	2009	
Device:	LG_vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	DTM Data	FOIEIGII EIICLY	
	PIM Data	Marthur a Transla	
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming Deleted	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
	11	Outgoing EMS - Deleted	
	MMS Messages	Incoming Audio	

	A IM-22 ACQUISICION OF S	scand atome video iites.	11173
		stand-alone graphic files. stand-alone video files.	as expected
		stand-alone audio files.	as expected
	supported reports.		
		completeness of acquired data via	as expected
		vity via supported interfaces.	as expected
	Assertion & Expected Res	sult	Actual Result
Results:			
	Video files were not acqu	llrea - NA	
	Image files were acquired		
	Readability and completeness of acquired data was successful Audio files were acquired		
	Device connectivity was established via supported interface		
	Acquisition finished: Mon Jul 13 14:12:37 EDT 2009		
lighlights:	Acquisition started: Mon Jul 13 14:10:57 EDT 2009		
og	Created By BitPim Version 1.0.6 - official		
		. 1400 Defected	
		Video - Deleted	
		Image - Deleted Video	
		Image Deleted	
		Audio - Deleted	
		Audio	
	Stand-alone data files		
		Outgoing Video	
		Outgoing Image	
		Outgoing Audio	
		Incoming Video	
		Incoming Image	

## 5.2.11 CFT-IMO-01 (LG VX5400)

Case	CFT-IMO-01 Acquire mobil	le device internal memory and review reported data	
Summary:	via supported generated		
Assertions:	A IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without		
	modification via support	ed generated report formats.	
'ester Name:			
'est Host:	Morrisy		
est Date:	Tue Jul 14 08:08:16 EDT	2009	
Device:	LG_vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	outgoing beleted	
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS - Deleted	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IMO-01 BitPim 1.0.6-official	
Highlights:	Acquisition started: Tue Jul 14 08:08:16 EDT 2009 Acquisition finished: Tue Jul 14 08:23:50 EDT 2009 Complete representation of known data via generated reports was successfu	
Results:	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

# 5.2.12 CFT-IMO-02 (LG VX5400)

Case		icial le device internal memory and review reported data	
Summary:	via the preview-pane.		
Assertions:	A IMO-24 If a cellular forensic tool successfully completes acquisition of		
10001010110 ·		the tool shall present the acquired data without	
	modification in a previ		
'ester Name:	rpa		
lest Host:	Morrisy		
Test Date:	Tue Jul 14 08:24:10 EDD	2009	
Device:	LG vx5400	2007	
Source	LG_VX5400 OS: WIN XP		
	OS: WIN XP Interface: cable		
Setup:	DATA OBJECTS	DATA ELEMENTS	
		DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Spectar Guaracter	
	Call LUGS	Miccod	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		VIACO DOILOCO	
		1	

Test Case CF1	P-IMO-02 BitPim 1.0.6-official		
Highlights:	Acquisition started: Tue Jul 14 08:24:10 EDT 2009 Acquisition finished: Tue Jul 14 08:27:37 EDT 2009		
Results:	Complete representation of known data via preview-pane was	s successful	
Results:	Assertion & Expected Result	Actual	
		Result	
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	
<u></u>			
Analysis:	Expected results achieved		

## 5.2.13 CFT-IMO-03 (LG VX5400)

	-IMO-03 BitPim 1.0.6-offic		
Case		e device internal memory and compare reported data	
Summary:		supported generated reports.	
Assertions:		prensic tool successfully completes acquisition of	
	the target device then the tool shall present the acquired data without		
	modification via supporte	ed generated report formats.	
	A IMO-24 If a cellular fo	prensic tool successfully completes acquisition of	
	the target device then the	ne tool shall present the acquired data without	
	modification in a preview		
		prensic tool provides a preview-pane view and a	
		acquired data then the reports shall maintain	
	consistency of all report		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 14 08:28:16 EDT 2	2000	
		2009	
Device:	LG_vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
	Call Logo	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS - Deleted	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
	1	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files	····j·j·	
	Stand atome data tiles	Audio	
		Audio	
	ļ	Audio - Deleted	
		Image	
		Image - Deleted	

	Video - Deleted		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Tue Jul 14 08:28:16 EDT 2009 Acquisition finished: Tue Jul 14 08:33:07 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Consistency between generated reports and preview-pane was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports.		
	A_IMO-23 Comparison of known device data elements via	Result	
	A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via	Result as expected	

#### 5.2.14 CFT-IMO-05 (LG VX5400)

CFT-IMO-05 Perform a physical acquisition and review data output for		
readability.	Joar abquibibion and forion data backat for	
	prensic tool successfully completes acquisition of	
the target device then the tool shall present the acquired data without		
modification via supported generated report formats.		
	prensic tool successfully completes acquisition of	
	ne tool shall present the acquired data without	
-		
	forensic tool supports a physical acquisition of	
	ne tool shall successfully complete the acquisition	
rpa		
Morrisy		
Tue Jul 14 08:37:42 EDT 2	2009	
LG vx5400		
OS: WIN XP		
Interface: cable		
DATA OBJECTS	DATA ELEMENTS	
Address Book Entries		
	Maximum Length	
	Regular Length, email, picture	
	Special Character	
	Blank Name	
	Regular Length, Deleted email - deleted picture	
	Deleted Entry	
	Foreign Entry	
PIM Data	5 1	
	Maximum Length	
	Regular Length	
	Deleted Entry	
	Special Character	
Call Logs		
0411 2090	Missed	
	Missed - Deleted	
	Incoming	
	Incoming - Deleted	
	Outgoing	
	Outgoing - Deleted	
Text Messages	000301	
Tene Hebbageb	Incoming SMS - Read	
	Incoming SMS - Unread	
	Incoming SMS - Deleted	
	Outgoing SMS - Deleted	
	Outgoing SMS - Deleted	
	Incoming EMS - Read	
	Incoming EMS - Read Incoming EMS - Unread	
	Incoming Foreign EMS - Read	
	Incoming EMS - Deleted	
<u> </u>	Outgoing EMS	
	Outgoing EMS - Deleted	
MMS Messages		
	Incoming Audio	
ļ	Incoming Image	
	Incoming Video	
	Outgoing Audio	
	Outgoing Image	
	Outgoing Video	
	-	
Stand-alone data files		
Stand-alone data files	Audio	
Stand-alone data files		
Stand-alone data files	Audio - Deleted	
Stand-alone data files		
	<pre>modification via supporte A_IMO-24 If a cellular fo the target device then th modification in a preview A_IMO-27 If the cellular the target device then th and present the data in a rpa Morrisy Tue Jul 14 08:37:42 EDT 2 LG vx5400 OS: WIN XP Interface: cable DATA OBJECTS</pre>	

	Video - Deleted		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Tue Jul 14 08:37:42 EDT 2009 Acquisition finished: Tue Jul 14 08:44:15 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports.		
	A_IMO-23 Comparison of known device data elements via	Result	
	A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via	Result as expected	

## 5.2.15 CFT-IMO-07 (LG VX5400)

Case	CFT-IMO-07 Acquire mobil	le device internal memory and review generated log	
Summary:	files.		
Assertions:	A IMO-36 If the cellular forensic tool supports log creation then the application should present the log files outlining the acquisition process in a human-readable format.		
ester Name:	rpa		
est Host:	Morrisy		
est Date:	Tue Jul 14 08:56:55 EDT	2009	
)evice:	LG_vx5400		
ource	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	Special character	
	Call Logs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	Subgoing mo Dereced	
	THID HESSayes	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	1		

Test Case CFT-	-IMO-07 BitPim 1.0.6-official			
Highlights:	Acquisition started: Tue Jul 14 08:56:55 EDT 2009			
	Acquisition finished: Tue Jul 14 08:58:32 EDT 2009			
	Creation of complete and human-readable log files was successful			
Results:				
	Assertion & Expected Result Actual Result			
	A_IMO-36 Device Log file output. as expected			
Analysis:	Expected results achieved			

## 5.2.16 CFT-IMO-08 (LG VX5400)

Test Case CF1	-IMO-08 BitPim 1.0.6-o	fficial	
Case		bile device internal memory and review data containing	
Summary:	foreign language char	acters.	
Assertions:	A_IMO-23 If a cellula	r forensic tool successfully completes acquisition of	
	the target device then the tool shall present the acquired data without		
	modification via supported generated report formats.		
	A_IMO-24 If a cellular forensic tool successfully completes acquisition of		
	the target device then the tool shall present the acquired data without		
	modification in a preview-pane view.		
	A IMO-37 If the cellular forensic tool supports proper display of foreign		
	language character se	ts then the application should present address book	
	entries containing fo	reign language characters in their native format	
	without modification.		
	A IMO-38 If the cellu	lar forensic tool supports proper display of foreign	
	language character se	ts then the application should present text messages	
	containing foreign la	nguage characters in their native format without	
	modification.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Tue Jul 14 08:58:59 E	DT 2009	
Device:	LG_vx5400		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
	Till Baca	Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image Outgoing Video	

	Stand-alone data files		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log	Created By BitPim Version 1.0.6 - official		
Highlights:	Acquisition finished: Tue Jul 14 09:02:35 EDT 2009		
	Complete representation of known data via generated reports		
	Complete representation of known data via preview-pane was s Foreign character Address book entries were acquired but not displayed Foreign character text messages were acquired but not proper	properly	
Results:	Foreign character Address book entries were acquired but not displayed	properly	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were acquired but not proper	rly displayed	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were acquired but not proper Assertion & Expected Result A_IMO-23 Comparison of known device data elements via	rly displayed Actual Result	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were acquired but not proper Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via	t properly rly displayed Actual Result as expected	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were acquired but not proper Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing foreign language characters.	Actual Result as expected as expected	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were acquired but not proper Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing	c properly cly displayed Actual Result as expected as expected Not as	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were acquired but not proper Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing foreign language characters.	<pre>c properly cly displayed Actual Result as expected as expected Not as expected</pre>	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were acquired but not proper Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing foreign language characters. A_IMO-38 Acquisition of outgoing text messages containing	Actual Result as expected Not as expected Not as Not as	

## 5.2.17 CFT-IM-01 (LG VX6100)

Case	CFT-IM-01 Acquire mobile	device internal memory over supported interfaces	
Summary:	(e.g., cable, Bluetooth,		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of		
		ne tool shall successfully recognize the target	
	device via all vendor sug	oported interfaces (e.g., cable, Bluetooth, IrDA).	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jul 14 13:28:17 EDT 2009		
Device:	LG_vx6100		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files	Sacgoing Video	
	Stanu-atome data tiles	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

	-IM-01 BitPim 1.0.6-official				
Highlights:	Acquisition started: Tue Jul 14 13:28:17 EDT 2009				
	Acquisition finished: Tue Jul 14 13:31:13 EDT 2009				
	Device Operativity we get established to see the block of				
	Device Connectivity was not established via supported interface				
	Notes:				
	13:23:38.108 COM11: Opening port COM11, 115200 baud, timeout 3.000000,				
	hardwareflow 0, softwareflow 0				
	13:23:38.233 COM11: Open of comm port suceeded				
	13:23:38.233 LG-VX6100: Attempting to contact phone				
	13:23:38.233 LG-VX6100: Listing subdirs in dir: ''				
	13:23:38.250 LG-VX6100: X recurse=0				
	13:23:41.265 COM11: Timed out - flushing and trying again				
	13:23:44.265 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes				
	read				
	13:23:47.280 COM11: Timed out - flushing and trying again				
	13:23:50.296 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes				
	read				
	13:23:50.342 COM11: Changed port speed to 38400				
	13:23:53.858 COM11: Timed out - flushing and trying again 13:23:56.875 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes				
	read				
	13:23:56.921 COM11: Changed port speed to 115200				
	13:24:00.437 COM11: Timed out - flushing and trying again				
	13:24:03.453 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes				
	read				
	13:24:06.467 LG-VX6100: No response to AT+GMM				
	13:24:09.483 LG-VX6100: No response to setting QCDMG mode				
	13:24:09.530 COM11: Changed port speed to 115200				
	13:24:13.046 LG-VX6100: No response to AT+GMM				
	13:24:16.062 LG-VX6100: No response to setting QCDMG mode				
	13:24:16.125 COM11: Changed port speed to 19200				
	13:24:19.640 LG-VX6100: No response to AT+GMM				
	13:24:22.640 LG-VX6100: No response to setting QCDMG mode				
	13:24:22.703 COM11: Changed port speed to 230400				
	13:24:26.217 LG-VX6100: No response to AT+GMM 13:24:29.233 LG-VX6100: No response to setting QCDMG mode				
	13:24:32.250 COM11: Timed out - flushing and trying again				
	13:24:35.250 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes				
	read				
	13:24:35.312 COM11: Changed port speed to 38400				
	13:24:38.828 COM11: Timed out - flushing and trying again				
	13:24:41.828 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes				
	read				
	13:24:41.890 COM11: Changed port speed to 115200				
	13:24:45.405 COM11: Timed out - flushing and trying again				
	13:24:48.421 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes				
	13:24:48.421 Failed to read filesystem				
	13:24:48.421 LG-VX6100: Listing files in dir: ''				
	13:24:51.437 COM11: Timed out - flushing and trying again				
	13:24:54.437 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read				
	13:24:57.453 COM11: Timed out - flushing and trying again				
Results:					
	Assertion & Expected Result Actual Result				
	A IM-01 Device connectivity via supported interfaces. Not as expected				
	Expected results NOT achieved				

## 5.2.18 CFT-IM-01 (Moto v710)

lase		device internal memory over supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	A_IM-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 sug	pported interfaces (e.g., cable, Bluetooth, IrDA)	
T			
Tester Name:	rpa		
Test Host:	Morrisy	0000	
Test Date:	Wed Jul 15 10:07:28 EDT 2009		
Device:	Motorola_v710		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	*	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Toxt Magazgag	Outgoing - Dereted	
	Text Messages	Treesing (MC Deed	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
	Stand atome data 11165	Audio	
		Audio - Deleted	
		Image Image Delated	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IM-01 BitPim 1.0.6-official		
Highlights:	Acquisition started: Wed Jul 15 10:07:28 EDT 2009		
	Acquisition finished: Wed Jul 15 10:08:57 EDT 2009		
	Device connectivity was established via supported inter	face	
Results:			
	Assertion & Expected Result	Actual Result	
	A_IM-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

## 5.2.19 CFT-IM-02 (Moto v710)

Test Case CFT	-IM-02 BitPim 1.0.6-offici	al	
Case	CFT-IM-02 Attempt intern	al memory acquisition of a non-supported mobile	
Summary:	device.		
Assertions:	A IM-02 If a cellular fo	rensic tool attempts to connect to a non-supported	
	device then the tool shall have the ability to identify that the device is		
	not supported.		
Tester Name:	rpa		
lest Host:	Morrisy		
Cest Date:	Wed Jul 15 10:09:26 EDT	2009	
Device:	non_supported_device		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	rorordu mucră	
	FIM Data	Mawimum Tonath	
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IM-02 BitPim 1.0.6-official		
Highlights:	Acquisition started: Wed Jul 15 10:09:26 EDT 2009		
	Acquisition finished: Wed Jul 15 10:14:13 EDT 2009		
	Identification of non-supported devices was succes	sful	
Results:			
	Assertion & Expected Result	Actual Result	
	Assertion & Expected Result A_IM-02 Identification of non-supported devices.	Actual Result as expected	

## 5.2.20 CFT-IM-03 (Moto v710)

Test Case CFI	-IM-03 BitPim 1.0.6-offici	
Case	CFT-IM-03 Begin mobile de	evice internal memory acquisition and interrupt
Summary:	connectivity by interface	e disengagement.
Assertions:	A IM-01 If a cellular for	rensic tool provides support for connectivity of
	the target device then the	ne tool shall successfully recognize the target
	device via all vendor sup	oported interfaces (e.g., cable, Bluetooth, IrDA).
	A IM-03 If a cellular for	rensic tool encounters disengagement between the
	device and application the	nen the application shall notify the user that
	connectivity has been dis	srupted.
	-	-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jul 15 10:14:32 EDT 2009	
Device:	Motorola v710	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
	Address Book Entries	Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	Special character
	Carr Hogo	Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming Foreign EMS - Read Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	Subgering Araco
	Stand-alone data files	7
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Log	Created By BitPim Version 1.0.6 - official	
Highlights:	Acquisition started: Wed Jul 15 10:14:32 EDT 2009	
inginingines.	Acquisition finished: Wed Jul 15 10:21:10 EDT 2009	
	Device connectivity was established via supported interf Device acquisition disruption notification was successfu	
Results:		1
Results:	Assertion & Expected Result	Actual Result
Results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces.	Actual Result as expected
Results:	L	

### 5.2.21 CFT-IM-04 (Moto v710)

Test Case CFT-	-IM-04 BitPim 1.0.6-offici	ial
Case		device internal memory and review reported data
Summary:		generated reports for readability.
Assertions:		rensic tool provides support for connectivity of
ASSEL CIONS.		he tool shall successfully recognize the target
		oported interfaces (e.q., cable, Bluetooth, IrDA).
		rensic tool successfully completes acquisition of
		he tool shall have the ability to present acquired
		-readable format via either a preview-pane or
	generated report.	
Tester	rpa	
Name: Test Host:	Morrisy	
Test Date:		
Device:	Wed Jul 15 10:24:26 EDT 2009	
	Motorola_v710	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
	<u> </u>	Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		4
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Mossages	outgoing has bereted
	MMS Messages	T
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	oucyoing viaco
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 10:24:26 EDT 2009 Acquisition finished: Wed Jul 15 10:28:55 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful	
Results:	Assertion & Expected Result	Actual Result
Results:	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces.	Actual

### 5.2.22 CFT-IM-05 (Moto v710)

Test Case CF	I-IM-05 BitPim 1.0.6-off	
Case		ile device internal memory and review reported
Summary:		ent related information (i.e., MEID, MSISDN).
Assertions:		forensic tool provides support for connectivity of
		n the tool shall successfully recognize the target
		supported interfaces (e.g., cable, Bluetooth, IrDA).
		forensic tool successfully completes acquisition of
		n the tool shall have the ability to present acquired
	data elements in a hum	nan-readable format via either a preview-pane or
	generated report.	
	A_IM-05 If a cellular	forensic tool successfully completes acquisition of
	the target device ther	n subscriber related information shall be presented in
		at without modification.
	A_IM-06 If a cellular	forensic tool successfully completes acquisition of
	the target device ther	n equipment related information shall be presented in
	a human-readable forma	at without modification.
Tester	rpa	
Name:		
lest Host:	Morrisy	
Cest Date:	Wed Jul 15 10:29:16 EI	DT 2009
Device:	Motorola v710	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
	11	
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video

	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 10:29:16 EDT 2009	
	Acquisition finished: Wed Jul 15 10:34:09 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w	
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful	
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w Assertion & Expected Result	ere acquired
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w	ere acquired Actual Result
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) w Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	ere acquired Actual Result as expected

### 5.2.23 CFT-IM-06 (Moto v710)

J.Z.ZJ CI	r-IM-06 BitPim 1.0.6-offic	leir
	-	
	_	actice internal memory and review reported in
Case Summary: Assertions:	related data. A_IM-01 If a cellular for the target device then to device via all vendor su A_IM-04 If a cellular for the target device then to data elements in a humar generated report. A_IM-07 If a cellular for the target device then a a human-readable format A_IM-08 If a cellular for the target device then a be presented in a human- A_IM-09 If a cellular for the target device then a characters shall be presented modification. A_IM-10 If a cellular for the target device then a mames shall be presented A_IM-11 If a cellular for	prensic tool successfully completes acquisition of all known maximum length address book entries shall -readable format without modification. prensic tool successfully completes acquisition of all known address book entries containing special sented in a human-readable format without prensic tool successfully completes acquisition of all known address book entries containing blank d in a human-readable format without modification. prensic tool successfully completes acquisition of
	book entries shall be pr modification. A_IM-12 If a cellular for the target device then a entries shall be present	all known email addresses associated with address resented in a human-readable format without prensic tool successfully completes acquisition of all known graphics associated with address book ted in a human-readable format without modification. prensic tool successfully completes acquisition of
	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a	all known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.
Tester	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a	all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries
Name:	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa	all known datebook, calendar, note entries shall be adable format without modification. orensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries
Name: Test Host:	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy	all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT	all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710	all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP	all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable	all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable	all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 200
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 200
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 200
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 20
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	all known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2000 200 200 200
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	All known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2000
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Wed Jul 15 10:34:40 EDT Motorola v710 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	all known datebook, calendar, note entries shall be adable format without modification. Drensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2000 200 200 200

	Incoming SMS - Read	
	Incoming SMS - Unread	
	Incoming SMS - Deleted	
	Outgoing SMS Dereted	
	Outgoing SMS - Deleted	
	Incoming EMS - Read	
	Incoming EMS - Unread	
	Incoming Foreign EMS - Read	
	Incoming EMS - Deleted	
	Outgoing EMS	
	Outgoing EMS - Deleted	
	MMS Messages	
	Incoming Audio	
	Incoming Image	
	Incoming Video	
	Outgoing Audio	
	Outgoing Image	
	Outgoing Video	
	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
	11400 B010004	
	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface	
	Acquisition started: Wed Jul 15 10:34:40 EDT 2009	
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired	Actual
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired Assertion & Expected Result	Actual Result
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired	Actual Result as expected
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired ALL PIM related connectivity via supported interfaces. A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected as expected
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected as expected
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired ALL PIM related connectivity via supported interfaces. A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book	Actual Result as expected as expected as expected as expected
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired ALL PIM related connectivity via supported interfaces. A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing	Actual Result as expected as expected as expected as expected as expected
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired ALL PIM related Connectivity via supported interfaces. A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a	Actual Result as expected as expected as expected as expected as expected as expected
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired ALL PIM related connectivity via supported interfaces. A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within	Actual Result as expected as expected as expected as expected as expected as expected as expected
hlights:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired <b>Assertion &amp; Expected Result</b> A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports. A IM-07 Acquisition of address book entries. A IM-08 Acquisition of maximum length address book entries. A IM-09 Acquisition of address book entries containing special characters. A IM-10 Acquisition of address book entries containing a blank name entry. A IM-11 Acquisition of embedded email addresses within address book entries. A IM-12 Acquisition of embedded graphics within address	Actual Result as expected as expected as expected as expected as expected as expected as expected as expected
g ghlights: sults:	Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired <b>Assertion &amp; Expected Result</b> A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within address book entries. A_IM-12 Acquisition of embedded graphics within address book entries. A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,	Actual

### 5.2.24 CFT-IM-08 (Moto v710)

Test Case CFT	-IM-08 BitPim 1.0.6-offic	zial	
Case		e device internal memory and review reported text	
Summary:	messages.	1 1	
Assertions:		prensic tool provides support for connectivity of	
100001010110.			
	the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
		prensic tool successfully completes acquisition of	
	-	the tool shall have the ability to present acquired	
		n-readable format via either a preview-pane or	
	generated report.		
		prensic tool successfully completes acquisition of	
	the target device then a	all text messages (i.e., SMS, EMS) messages shall be	
	presented in a human-rea	adable format without modification.	
Tester	rpa		
Name:	-		
Test Host:	Morrisy		
Test Date:	Wed Jul 15 12:45:19 EDT	2009	
Device:	Motorola v710	2005	
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Iana	Special character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming CMC - Road	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Timage	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Undro Detered	
		Image	

	Image - Deleted	
	Video	
	Video - Deleted	
Log	Created By BitPim Version 1.0.6 - official	
Highlights:	Acquisition started: Wed Jul 15 12:45:19 EDT 2009 Acquisition finished: Wed Jul 15 12:48:40 EDT 2009	
Partial Text messages were acquired		
	Readability and completeness of acquired data was not succes	
Results:	Readability and completeness of acquired data was not succes Partial Text messages were acquired	
Results:	Readability and completeness of acquired data was not succes Partial Text messages were acquired Text messages were encoded and are unreadable with out a 7-b	Dit decoder.
Results:	Readability and completeness of acquired data was not succes Partial Text messages were acquired Text messages were encoded and are unreadable with out a 7-b Assertion & Expected Result	Actual Result

## 5.2.25 CFT-IM-09 (Moto v710)

Test Case CF	-IM-09 BitPim 1.0.6-offic			
Case		e device internal memory and review reported MMS		
Summary:		a (i.e., text, audio, graphics, video).		
Assertions:	A_IM-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).			
	A_IM-04 If a cellular forensic tool successfully completes acquisition of			
	the target device then the tool shall have the ability to present acquired			
	data elements in a human-readable format via either a preview-pane or			
	generated report.			
	A_IM-17 If a cellular forensic tool successfully completes acquisition of			
	the target device then all MMS messages and associated audio shall be presented properly without modification.			
		prensic tool successfully completes acquisition of all MMS messages and associated images shall be		
	presented properly without			
		prensic tool successfully completes acquisition of		
		all MMS messages and associated video shall be		
	presented properly with			
	presenced property with	at modification.		
Tester	rpa			
Name:				
Test Host: Test Date:	Morrisy Wed Jul 15 12:52:25 EDT	2008		
Device:	Motorola v710	2009		
Source	OS: WIN XP			
Setup:	Interface: cable			
secup.	DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries	DAIA ELEMENIS		
	Address Book Entries	Maudaura Tarath		
		Maximum Length		
		Regular Length, email, picture		
		Special Character Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
		Foreign Entry		
	PIM Data			
		Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages			
	MMS Messages	Incoming Audio		
	MMS Messages	Incoming Audio Incoming Image		
	MMS Messages	Incoming Audio Incoming Image Incoming Video		

		Outgoing Image	
		Outgoing Video	
	Stand-alone data files	ourgoing video	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
Log Highlights:		Tul 15 12:52:25 EDT 2009 Jul 15 12:59:58 EDT 2009 Stablished via supported interface ess of acquired data was successful equired	
		cquired	
Results:	Video MMS messages were no	t acquired - NA	Actual Result
Results:	Assertion & Expected Resu	it acquired - NA	
Results:	Assertion & Expected Result A IM-01 Device connectivi	t acquired - NA	Result
Results:	Assertion & Expected Resu A IM-01 Device connectivi A_IM-04 Readability and c supported reports.	alt completeness of acquired data via	Result as expected
Results:	Assertion & Expected Result A IM-01 Device connectivit A_IM-04 Readability and contents	alt alt completeness of acquired data via adio MMS messages.	Result as expected as expected
Results:	A IM-01 Device connectivi A_IM-04 Readability and consupported reports. A_IM-17 Acquisition of au	alt alt ity via supported interfaces. completeness of acquired data via adio MMS messages. mage MMS messages.	Result as expected as expected as expected
Results:	A IM-01 Device connectivi A IM-01 Device connectivi A_IM-04 Readability and consupported reports. A_IM-17 Acquisition of au A_IM-18 Acquisition of im	alt alt ity via supported interfaces. completeness of acquired data via adio MMS messages. mage MMS messages.	Result as expected as expected as expected as expected

# 5.2.26 CFT-IM-10 (Moto v710)

Test Case CF1	-IM-10 BitPim 1.0.6-offi			
Case		e device internal memory and review reported stand-		
Summary:		(i.e., audio, graphics, video).		
Assertions:	A_IM-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).			
	A_IM-04 If a cellular forensic tool successfully completes acquisition of			
	the target device then the tool shall have the ability to present acquired			
	data elements in a human-readable format via either a preview-pane or			
	generated report.			
	A_IM-20 If a cellular forensic tool successfully completes acquisition of			
	the target device then all stand-alone audio files shall be playable via			
	either an internal application or suggested third-party application without			
	modification.			
		orensic tool successfully completes acquisition of		
		all stand-alone image files shall be viewable via		
		ication or suggested third-party application without		
	modification.			
		orensic tool successfully completes acquisition of		
	-	all stand-alone video files shall be viewable via		
		ication or suggested third-party application without		
	modification.			
Tester	rpa			
Name:	-Fo			
Test Host:	Morrisy			
Test Date:	Wed Jul 15 13:07:20 EDT	2009		
Device:	Motorola_v710			
Source	OS: WIN XP			
Setup:	Interface: cable			
	DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries			
		Maximum Length		
		Regular Length, email, picture		
		Special Character		
		Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
		Foreign Entry		
	PIM Data			
		Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Coll Logo	Special character		
	Call Logs	Misseed		
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
	1.1	Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages	Outgoing EMS - Deleted Incoming Audio		

	A TH 22 ACQUISICION OF		117.7
		stand-alone graphic files. stand-alone video files.	as expected
		stand-alone audio files.	as expected
	supported reports.		
		completeness of acquired data via	as expected
		vity via supported interfaces.	as expected
	Assertion & Expected Real	sult	Actual Result
Results:			
	Video files were not acqu	uired - NA	
	Image files were acquired		
	Audio files were acquired		
	Readability and completer	ness of acquired data was successful	
	Device connectivity was e	established via supported interface	
	Acquisition finished: Wed	d Jul 15 13:10:05 EDT 2009	
ighlights:		Jul 15 13:07:20 EDT 2009	
og	Created By BitPim Version		
		Video - Deleted	
		Video	
		Image Image - Deleted	
		Audio - Deleted	
		Audio	
	Stand-alone data files		
		Outgoing Video	
		Outgoing Image	
		Outgoing Audio	
		Incoming Video	
		Incoming Image	

## 5.2.27 CFT-IMO-01 (Moto v710)

Case	CFT-IMO-01 BitPim 1.0.6-offi	CFT-IMO-01 Acquire mobile device internal memory and review reported data		
Summary:	via supported generated			
Assertions:	A IMO-23 If a cellular forensic tool successfully completes acquisition of			
	the target device then the tool shall present the acquired data without			
		ted generated report formats.		
	modification via supported generated report formats.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Wed Jul 15 13:11:07 EDT	2009		
Device:	Motorola v710			
Source	OS: WIN XP			
Setup:	Interface: cable			
occup.	DATA OBJECTS	DATA ELEMENTS		
	Address Book Entries			
	Hadrebb book Enerres	Maximum Length		
		Regular Length, email, picture		
		Special Character		
		Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
	DTM Det -	Foreign Entry		
	PIM Data			
		Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages			
		Incoming Audio		
		Incoming Image		
		Incoming Video		
		Outgoing Audio		
		Outgoing Image		
		Outgoing Video		
	Stand-alone data files			
		Audio		
		Audio - Deleted		
		Image		
		Image - Deleted		
		Video		
		Video - Deleted		

Test Case CFT	-IMO-01 BitPim 1.0.6-official	
Highlights:	Acquisition started: Wed Jul 15 13:11:07 EDT 2009 Acquisition finished: Wed Jul 15 13:25:20 EDT 2009 Complete representation of known data via generated report	s was successful
Results:	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

## 5.2.28 CFT-IMO-02 (Moto v710)

Case		le device internal memory and review reported data	
Summary:	via the preview-pane.		
Assertions:	A_IMO-24 If a cellular forensic tool successfully completes acquisition of		
		the tool shall present the acquired data without	
	modification in a previe	ew-pane view.	
'ester Name:	rpa		
est Host:	Morrisy		
est Date:	Wed Jul 15 13:25:53 EDT	2009	
Device:	Motorola_v710		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	P-IMO-02 BitPim 1.0.6-official	
Highlights:	: Acquisition started: Wed Jul 15 13:25:53 EDT 2009 Acquisition finished: Wed Jul 15 13:27:56 EDT 2009 Complete representation of known data via preview-pane was successful	
Results:	Assertion & Expected Result	Actual Result
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

## 5.2.29 CFT-IMO-03 (Moto v710)

	IMO-03 BitPim 1.0.6-offic	
Case	CFT-IMO-03 Acquire mobile	e device internal memory and compare reported data
Summary:	via the preview-pane and	supported generated reports.
Assertions:	A IMO-23 If a cellular fo	prensic tool successfully completes acquisition of
	the target device then the	ne tool shall present the acquired data without
		ed generated report formats.
	A IMO-24 If a cellular fo	prensic tool successfully completes acquisition of
		ne tool shall present the acquired data without
	modification in a preview	
		prensic tool provides a preview-pane view and a
		acquired data then the reports shall maintain
	consistency of all report	ted data elements.
lester Name:	rpa	
lest Host:	Morrisy	
Test Date:	Wed Jul 15 13:28:19 EDT 2	2009
Device:	Motorola_v710	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
	<u> </u>	Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
	<u> </u>	Outgoing SMS - Deleted
	<u> </u>	Incoming EMS - Read
		Incoming EMS - Unread
	ļ	Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
	<u> </u>	Incoming Image
		Incoming Video
	ļ	Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	-
		Audio
		Audio - Deleted
		Image
		Image - Deleted Video

	Video - Deleted		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 13:28:19 EDT 2009 Acquisition finished: Wed Jul 15 13:35:34 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Consistency between generated reports and preview-pane was successful		
Results:	Assertion & Expected Result	Actual Result	
	A IMO-23 Comparison of known device data elements via	as expected	
	generated reports.	-	
		as expected	
	generated reports. A_IMO-24 Comparison of known device data elements via	as expected	

## 5.2.30 CFT-IMO-05 (Moto v710)

	Test Case CFT-IMO-05 BitPim 1.0.6-official		
		<pre>sical acquisition and review data output for</pre>	
Case		sical acquisition and review data output for	
Summary:	readability.		
Assertions:		prensic tool successfully completes acquisition of	
	the target device then the tool shall present the acquired data without modification via supported generated report formats.		
		prensic tool successfully completes acquisition of	
	-	ne tool shall present the acquired data without	
	modification in a preview		
		forensic tool supports a physical acquisition of	
	the target device then the tool shall successfully complete the acquisit and present the data in a human-readable format.		
	and present the data in a	a human-readable format.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jul 15 13:36:24 EDT 2	2009	
Device:	Motorola_v710		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	L	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Ctand along data filler	Sucgoing Vinco	
	Stand-alone data files	n	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	

	Video - Deleted		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 13:36:24 EDT 2009 Acquisition finished: Wed Jul 15 13:42:19 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful		
Results:	Assertion & Expected Result	Actual	
		Result	
	A_IMO-23 Comparison of known device data elements via generated reports.	Result as expected	
	generated reports. A_IMO-24 Comparison of known device data elements via	as expected	

## 5.2.31 CFT-IMO-07 (Moto v710)

Case	<b>T-IMO-07 BitPim 1.0.6-official</b> CFT-IMO-07 Acquire mobile device internal memory and review generated log		
Summary:	files.	c acvice incernal memory and review generated log	
Assertions:		forensic tool supports log creation then the	
15501010115.	A_IMO-36 If the cellular forensic tool supports log creation then the		
	application should present the log files outlining the acquisition process in a human-readable format.		
ester Name:	~~~~		
est Host:	rpa Morriev		
	Morrisy		
est Date:	Wed Jul 15 13:51:31 EDT	2009	
evice:	Motorola_v710		
ource	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Coll Logo	Special Character	
	Call Logs	art a	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS - Deleted	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT-	-IMO-07 BitPim 1.0.6-official		
Highlights:	Acquisition started: Wed Jul 15 13:51:31 EDT 2009		
	Acquisition finished: Wed Jul 15 13:55:36 EDT 2009		
	Creation of complete and human-readable log files was successful		
Results:			
	Assertion & Expected Result	Actual Result	]
	A_IMO-36 Device Log file output.	as expected	
Analysis:	Expected results achieved		

## 5.2.32 CFT-IMO-08 (Moto v710)

Test Case CF1	-IMO-08 BitPim 1.0.6-o	fficial	
Case		bile device internal memory and review data containing	
Summary:	foreign language char	acters.	
Assertions:	A IMO-23 If a cellula	r forensic tool successfully completes acquisition of	
	the target device then the tool shall present the acquired data without		
	modification via supported generated report formats.		
	A_IMO-24 If a cellular forensic tool successfully completes acquisition of		
	the target device then the tool shall present the acquired data without		
	modification in a preview-pane view.		
	A IMO-37 If the cellular forensic tool supports proper display of foreign		
	language character sets then the application should present address book		
	entries containing fo	reign language characters in their native format	
	without modification.		
	A IMO-38 If the cellu	lar forensic tool supports proper display of foreign	
	language character se	ets then the application should present text messages	
	containing foreign la	nguage characters in their native format without	
	modification.		
Tester	rpa		
Name:			
Test Host:	Morrisy	222 0000	
Test Date: Device:	Wed Jul 15 13:56:02 E Motorola v710	D'I' 2009	
	OS: WIN XP		
Source			
Setup:	Interface: cable DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	Sacyoing his bereted	
	The ressages	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image Outgoing Video	

	Stand-alone data files		
	Audio		
	Audio - Deleted		
	Image		
	Image - Deleted		
	Video		
	Video - Deleted		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 13:56:02 EDT 2009 Acquisition finished: Wed Jul 15 14:05:26 EDT 2009		
	Complete representation of known data via generated reports		
Desults	Complete representation of known data via preview-pane was s Foreign character Address book entries were acquired but not displayed Foreign character text messages were not acquired		
Results:	Foreign character Address book entries were acquired but not displayed		
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were not acquired	t properly Actual	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were not acquired Assertion & Expected Result A_IMO-23 Comparison of known device data elements via	Actual Result	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were not acquired Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via	Actual Result as expected	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were not acquired Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing	Actual Result as expected as expected	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were not acquired Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing foreign language characters.	Actual Result as expected as expected partial	
Results:	Foreign character Address book entries were acquired but not displayed Foreign character text messages were not acquired Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing foreign language characters. A_IMO-38 Acquisition of outgoing text messages containing	Actual Result as expected as expected partial NOT as	

## 5.2.33 CFT-IM-01 (SCH-u740)

lase	CFT-IM-01 Acquire mobile device internal memory over supported interfaces (e.g., cable, Bluetooth, IrDA).		
Summary:	(e.g., cable, Bluetooth,	IrDA).	
Assertions:	A IM-01 If a cellular forensic tool provides support for connectivity of		
		he tool shall successfully recognize the target	
	device via all vendor suj	pported interfaces (e.g., cable, Bluetooth, IrDA)	
T			
Tester Name:	1		
Test Host:	Morrisy	2000	
Test Date:	Thu Jul 16 12:36:43 EDT	2009	
Device:	Samsung_SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	opoorar onaraooor	
	Call Logo	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	·		

Test Case CFT	-IM-01 BitPim 1.0.6-official		
Highlights:	Acquisition started: Thu Jul 16 12:36:43 EDT 2009		
	Acquisition finished: Thu Jul 16 12:38:26 EDT 2009		
	Device connectivity was established via supported interface		
Results:			
	Assertion & Expected Result	Actual Result	
	A_IM-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

## 5.2.34 CFT-IM-02 (SCH-u740)

Case	CFT-IM-02 BitPim 1.0.6-official	memory acquisition of a non-supported mobile
Summary:	device.	
Assertions:	A_IM-02 If a cellular fore	nsic tool attempts to connect to a non-supported
	device then the tool shall	have the ability to identify that the device is
	not supported.	
Cester Name:	rpa	
lest Host:	Morrisy	
lest Date:	Thu Jul 16 12:41:14 EDT 20	09
Device:	Samsung_SCHu740	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	Men for an Treastly
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name Regular Length, Deleted email - deleted picture
		Deleted Entry
	PIM Data	Foreign Entry
	FIM Data	Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	Special character
	Call Logs	Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	Outgoing Dereted
	TERE MESSages	Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted
		ATTOCO DETECEO

Test Case CFT	-IM-02 BitPim 1.0.6-official		
Highlights:	Acquisition started: Thu Jul 16 12:41:14 EDT 2009		
	Acquisition finished: Thu Jul 16 12:44:00 EDT 2009		
	Identification of non-supported devices was succes	sful	
Results:			
	Assertion & Expected Result	Actual Result	
	A IM-02 Identification of non-supported devices.	as expected	

# 5.2.35 CFT-IM-03 (SCH-u740)

Case	-IM-03 BitPim 1.0.6-offici	evice internal memory acquisition and interrupt	
Case Summary:	connectivity by interface		
_			
Assertions:	A_IM-OI II a Cellular IO.	rensic tool provides support for connectivity of he tool shall successfully recognize the target	
	device via all vendor su	pported interfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool encounters disengagement between the	
		hen the application shall notify the user that	
	connectivity has been dis		
	conneccivity has been at	Stupted.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jul 16 12:44:27 EDT 2	2009	
Device:	Samsung SCHu740	2009	
Source.	OS: WIN XP		
Setup:	Interface: cable		
secup:	DATA OBJECTS	DATA ELEMENTS	
		DATA ELEMENTS	
	Address Book Entries	Mr. for or Treadly	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Loga	Special Character	
	Call Logs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
	Stand atone data IIIes	Dudio	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

ated By BitPim Version 1.0.6 - official uisition started: Thu Jul 16 12:44:27 EDT 2009 uisition finished: Thu Jul 16 12:46:49 EDT 2009 ice connectivity was established via supported interfice acquisition disruption notification was successfu	
uisition finished: Thu Jul 16 12:46:49 EDT 2009 ice connectivity was established via supported interf	
ice acquisition distuption notification was successia	T
sertion & Expected Result	Actual Result
IM-01 Device connectivity via supported interfaces.	as expected
IM-03 Notification of device acquisition disruption.	as expected
3	<pre>ssertion &amp; Expected Result IM-01 Device connectivity via supported interfaces. IM-03 Notification of device acquisition disruption. pected results achieved</pre>

### 5.2.36 CFT-IM-04 (SCH-u740)

Test Case CFT	-IM-04 BitPim 1.0.6-offici	ial	
Case		device internal memory and review reported data	
Summary:		generated reports for readability.	
Assertions:		rensic tool provides support for connectivity of	
		he tool shall successfully recognize the target	
		oported interfaces (e.g., cable, Bluetooth, IrDA).	
		rensic tool successfully completes acquisition of	
		he tool shall have the ability to present acquired	
		-readable format via either a preview-pane or	
		-readable format via erther a preview-pane of	
	generated report.		
Maatan			
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Jul 16 12:47:36 EDT 2	2009	
Device:	Samsung_SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Lana	Special character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
	10me moodagee	Incoming SMS - Read	
		Incoming SMS - Veau Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMC Moosses	ourgoing pho pereced	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
	Scand atone data tites	7	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Image - Deleted Video	

Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 12:47:36 EDT 2009 Acquisition finished: Thu Jul 16 12:55:39 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful	
Results:	Assertion & Expected Result	Actual Result
	A IM-01 Device connectivity via supported interfaces.	as expected
	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected

# 5.2.37 CFT-IM-05 (SCH-u740)

Test Case CFT	-IM-05 BitPim 1.0.6-off		
Case		le device internal memory and review reported	
Summary:	subscriber and equipment related information (i.e., MEID, MSISDN).		
Assertions:		forensic tool provides support for connectivity of	
	the target device then the tool shall successfully recognize the target		
		supported interfaces (e.g., cable, Bluetooth, IrDA).	
		forensic tool successfully completes acquisition of	
		the tool shall have the ability to present acquired	
	data elements in a human-readable format via either a preview-pane or		
	generated report.		
	A_IM-05 If a cellular	forensic tool successfully completes acquisition of	
	the target device then	subscriber related information shall be presented in	
		t without modification.	
		forensic tool successfully completes acquisition of	
	the target device then	equipment related information shall be presented in	
	a human-readable forma	t without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Jul 16 12:56:10 ED	T 2009	
Device:	Samsung SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Kead Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outrasian Tasaa	
		Outgoing Image Outgoing Video	

	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 12:56:10 EDT 2009	
	Acquisition finished: Thu Jul 16 12:58:53 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA	
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful	Actual
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA Assertion & Expected Result	Actual Result
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA	Actual
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected

### 5.2.38 CFT-IM-06 (SCH-u740)

	T-IM-06 BitPim 1.0.6-offic	12	
Case		e device internal memory and review reported PIM	
Summary:	related data.	device internal memory and review reported in	
Assertions:		prensic tool provides support for connectivity of	
		the tool shall successfully recognize the target	
		upported interfaces (e.g., cable, Bluetooth, IrDA).	
		prensic tool successfully completes acquisition of	
	_	the tool shall have the ability to present acquired	
		n-readable format via either a preview-pane or	
	generated report.		
	A IM-07 If a cellular fo	prensic tool successfully completes acquisition of	
		all known address book entries shall be presented in	
	a human-readable format		
	A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.		
		prensic tool successfully completes acquisition of	
		all known address book entries containing special	
	modification.	sented in a human-readable format without	
		prensic tool successfully completes acquisition of	
		all known address book entries containing blank	
	-	d in a human-readable format without modification.	
		prensic tool successfully completes acquisition of	
		all known email addresses associated with address	
		resented in a human-readable format without	
	modification.		
		prensic tool successfully completes acquisition of	
		all known graphics associated with address book	
	entries shall be presented in a human-readable format without modification.		
	A_IM-13 If a cellular forensic tool successfully completes acquisition of		
	the target device then a	prensic tool successfully completes acquisition of	
	the target device then a presented in a human-rea	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be	
	the target device then a presented in a human-rea A_IM-14 If a cellular fo	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification.	
	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of	
	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries	
Tester	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries	
Name:	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries	
Name: Test Host:	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification.         Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.         2009         DATA ELEMENTS         Maximum Length         Regular Length, email, picture	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	Derensic tool successfully completes acquisition of         all known datebook, calendar, note entries shall be         adable format without modification.         Derensic tool successfully completes acquisition of         all maximum length datebook, calendar, note entries         human readable format without modification.         2009         DATA ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	Data ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	Data ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name         Regular Length, Deleted email - deleted picture	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	Data ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	Data ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name         Regular Length, Deleted email - deleted picture	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS	Data ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name         Regular Length, Deleted email - deleted picture         Deleted Entry	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	Data ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name         Regular Length, Deleted email - deleted picture         Deleted Entry	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	Data ELEMENTS         Maximum Length         Regular Length, email, picture         Blank Name         Regular Length, Deleted email - deleted picture         Deleted Entry	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  Maximum Length	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry  Maximum Length Regular Length Regular Length	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	DATA ELEMENTS  DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry  Maximum Length Regular Length Regular Length	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	DATA ELEMENTS DATA ELEMENTS DATA ELEMENTS Data Length, email, picture Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	DATA ELEMENTS DATA ELEMENTS DATA ELEMENTS Data Length, email, picture Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Regular Length Special Character Deleted Entry Foreign Entry Maximum Length Regular Length	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted	
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Thu Jul 16 13:03:08 EDT Samsung SCHu740 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming	

g       Incoming SMS - Deleted         Outgoing SMS       Deleted         Outgoing SMS - Deleted       Incoming EMS - Read         Incoming EMS - Read       Incoming EMS - Read         Incoming EMS - Deleted       Outgoing EMS - Read         Incoming EMS - Deleted       Outgoing EMS - Read         Incoming Texts - Deleted       Outgoing EMS - Read         MMS Messages       Incoming Image         Incoming Image       Incoming Image         Incoming Image       Outgoing Audio         Outgoing Audio       Outgoing Audio         Incoming Image       Outgoing Audio         Incoming Image       Outgoing Audio         Incoming Image       Outgoing Audio         Inage       Deleted         Image       Image         Image       Image         Image       Image         Image       Image         Image       Deleted         Image       Video         Image       Image         Image       Image         Image       Deleted         Image       Image         Image       Image         Image       Image         Image       Deleted <td< th=""><th></th><th>Incoming SMS - Read</th><th></th></td<>		Incoming SMS - Read	
Incoming SNS - Deleted           Outgoing SNS - Deleted           Incoming ENS - Read           Incoming ENS - Read           Incoming ENS - Deleted           Outgoing ENS - Deleted           MMS Messages           Incoming Video           Incoming Video           Stand-alone data files           Audio - Deleted           Image           Inage           Inage           Video - Deleted           Video - Deleted           Video - Deleted           Video - Deleted           Neguistion finished: Thu Jul 16 13:03:08 EDT 2009           Acquisition finished: Thu Jul 16 13:06:57 EDT 2009           Acquisition of address book entries were successfully acquired           All Adresabbility and completeness of acquired data via as expected           Supported reports.         as expected           A IM			
Outgoing SMS         Deleted           Incoming EMS - Deleted         Incoming EMS - Read           Incoming Foreign EMS - Read         Incoming EMS - Deleted           United in the integration of the integratintintegration of the integratintintegration of the int			
Outgoing SMS - Deleted           Incoming EMS - Read           Incoming SMS - Unread           Incoming SMS - Deleted           Outgoing EMS - Deleted           Outgoing SMS - Deleted           MS Messages           Incoming MS - Deleted           Outgoing SMS - Deleted           MS Messages           Incoming Mage           Incoming Nucle           Outgoing Addio           Outgoing Nideo           Stand-alone data files           Audio - Deleted           Image           Image - Deleted           Image - Deleted           Video           Video - Deleted           Video - Deleted           Video - Deleted           Video - Deleted           Acquisition started: Thu Jul 16 13:03:08 EDT 2009           Acquisition finished: Thu Jul 16 13:03:08 EDT 2009           Acquisition of address book entries           All PIM related data was acquired           All PIM related data was acquired           All PIM related data was acquired           All IM-01 Device connectivity via			
Incoming EMS - Read         Incoming EMS - Unread         Incoming Foreign EMS - Read         Incoming Foreign EMS - Deleted         Outgoing EMS - Deleted         Outgoing EMS - Deleted         MMS Messages         Incoming Image         Incoming Video         Outgoing Audio         Incoming Video         Outgoing Audio         Outgoing Mage         Outgoing Mage         Incoming Video         Stand-alone data files         Madio - Deleted         Image         Image         Image         Video         Video         Video         Video         Video         Device connectivity was established via supported interface         Readbility and completeness of acquired data was successful         All address book entries were successfuly acquired         All-01 Device connectivity via supported interfaces.         as expected         AIM-01 Acquisition of address book entries.         A IM-07 Acquisition of address book entries.         A IM-07 Acquisition of address book entries containing as expecte         A IM-07 Acquisition of embedded email addresses within as expecte         A IM-07 Acquisition of embedded graph			
Incoming EMS - Unread         Incoming Foreign EMS - Read         Incoming EMS - Deleted         Outgoing EMS - Deleted         Outgoing EMS - Deleted         MMS Messages         Incoming Jude         Incoming Video         Outgoing Image         Image - Deleted         Image - Deleted         Image - Deleted         Image - Deleted         Video - Deleted         Incompleteness of acquired data was successful         All address book entries were successfully acquired         All address book entries were successfull acquired data was acepted         All PIM related data was acquired         Sults:         Assertion & Expected Result         A IM-01 Device connectivity via supported interfaces.         A IM-01 Acquisition of address book entries.         A IM-02 Acquisition of address book entries.         A IM-03 Acquisition of address book entries containing as expecte         A IM-04 Acquisition of address book entries containing as expecte blank name entry.         A IM-10 Acquisition of address book			
Incoming Foreign EMS - Read         Incoming EMS         Outgoing EMS         Outgoing EMS         MMS Messages         Incoming Audio         Incoming Video         Outgoing Audio         Outgoing Audio         Outgoing Audio         Outgoing Audio         Outgoing Audio         Outgoing Video         Stand-alone data files         Image         Image         Image - Deleted         Image - Deleted         Image - Deleted         Video         Video         Device connectivity was established via supported interface         Readability and completeness of acquired data was successful         All Advess book entries were successfully acquired         ALL PIM related data was acquired         Supported reports.         A. IM-01 Acquisition of address book entries.         A. IM-03 Acquisition of address book entries.         A. IM-04 Readability and completeness of acquired data via as expecte         A. IM-05 Acquisition of address book entries.         A. IM-06 Acquisition of address book entries.         A. IM-07 Acquisition of address book entries containing as expecte         A. IM-06 Acquisition of address book entries containing as expecte			
Incoming EMS - Deleted           Outgoing EMS           Outgoing EMS - Deleted           MMS Messages           Incoming Audio           Incoming Video           Outgoing Image           Outgoing Image           Outgoing Image           Outgoing Image           Outgoing Image           Outgoing Image           Video           Video           Video           Video           Video           Video           Device connectivity was established via supported interface           Readability and completeness of acquired data was successful           All address book entries were successfully acquired           ALL PIM related data was acquired           sults:           Assertion & Expected Result           A.IM-03 Requisition of address book entries.           A.IM-04 Readability and completeness of acquired data via as expecte           A.IM-05 Acquisition of address book entries.           A.IM-06 Acquisition of address book entries.			
Outgoing EMS           Outgoing EMS - Deleted           MMS Messages           Incoming Mudio           Incoming Mudio           Outgoing Audio           Outgoing Mudio           Outgoing Mudio           Outgoing Mudio           Outgoing Mudio           Outgoing Mudio           Outgoing Video           Stand-alone data files           Image           Image           Image           Image           Image           Image           Image           Video           Video           Philights:           Acquisition started: Thu Jul 16 13:06:57 EDT 2009           Acquisition finished: Thu Jul 16 13:06:57 EDT 2009           Device connectivity was established via supported interface           Readability and completeness of acquired data was successful           All Address book entries were successfully acquired           ALL FIM related data was acquired           as expected           A_IM-01 Device connectivity via supported interfaces.           As expected reports.           A. IM-01 Acquisition of address book entries.           A IM-03 Acquisition of address book entries.           A IM-04 Readability and completeness of a			
Outgoing EMS - Deleted           MMS Messages         Incoming Mudio           Incoming Mudio         Incoming Mudio           Incoming Video         Outgoing Audio           Outgoing Audio         Outgoing Mudio           Outgoing Mudio         Outgoing Mudio           Outgoing Mudio         Outgoing Mage           Outgoing Mudio         Outgoing Video           Stand-alone data files         Mudio           Mage         Image           Image         Image           Image         Video           Video         Video           Video         Deleted           Acquisition started: Thu Jul 16 13:03:08 EDT 2009           Acquisition finished: Thu Jul 16 13:06:57 EDT 2009           Acquisition finished: Thu Jul 16 13:06:57 EDT 2009           Device connectivity was established via supported interface           Readability and completeness of acquired data was successful           All address book entries were successfully acquired           ALL PIM related data was acquired           sults:           Assertion & Expected Result           A IM-01 Requisition of address book entries.           A IM-01 Requisition of address book entries.           A IM-07 Acquisition of address book entries containing as expecte			
MMS Messages       Incoming Audio         Incoming Mudio       Incoming Video         Outgoing Mudio       Outgoing Mudio         Outgoing Mudio       Outgoing Mudio         Outgoing Mudio       Outgoing Mudio         Stand-alone data files       Audio - Deleted         Image       Audio - Deleted         Image       Image         Video       Video         Video - Deleted       Video         Acquisition started: Thu Jul 16 13:03:08 EDT 2009         Acquisition started: Thu Jul 16 13:06:57 EDT 2009         Acquisition finished: Thu Jul 16 13:06:57 EDT 2009         Device connectivity was established via supported interface         Readability and completeness of acquired data was successful         All address book entries were successfully acquired         ALL PIM related data was acquired         MLL PIM related data was acquired         ALL PIM related data was acquired         A. IM-01 Device connectivity via supported interfaces.         A IM-04 Readability and completeness of acquired data via supported reports.         A. IM-04 Readability and completeness of acquired data via se expecte entries.         A. IM-08 Acquisition of address book entries containing as expecte entries.         A IM-08 Acquisition of address book entries containing as expecte entries.         A IM-1			
Incoming Audio         Incoming Video         Outgoing Audio         Outgoing Mudio         Outgoing Mudio         Outgoing Mudio         Outgoing Video         Stand-alone data files         Image         Image         Image         Image         Image         Image         Image         Video         Video         Video         Acquisition started: Thu Jul 16 13:03:08 EDT 2009         Acquisition finished: Thu Jul 16 13:06:57 EDT 2009         Device connectivity was established via supported interface         Readability and completeness of acquired data was successful         All address book entries were successfully acquired         ALL PIM related data was acquired         ALL PIM related data was acquired         sults:         A IM-01 Device connectivity via supported interfaces.         A IM-04 Readability and completeness of acquired data via as expected         supported reports.         A IM-04 Readability and completeness book entries.         A IM-07 Acquisition of address book entries containing as expecte         a. IM-08 Acquisition of address book entries containing as expecte         blank name entry.         A IM-11 Acq			
Incoming Image         Incoming Video         Outgoing Audio         Outgoing Image         Outgoing Video         Stand-alone data files         Audio         Audio         Deleted         Image         Image         Image         Image         Video         Video         Video         Video         Video         Video         Philights:         Created By BitPim Version 1.0.6 - official         Acquisition started: Thu Jul 16 13:03:08 EDT 2009         Acquisition finished: Thu Jul 16 13:06:57 EDT 2009         Device connectivity was established via supported interface         Readability and completeness of acquired data was successful         All address book entries were successfully acquired         ALL PIM related data was acquired         ALL PIM related data was acquired         ALL PIM related data was acquired         ALL PIM -04 Readability and completeness of acquired data via as expecte         a_IM-04 Readability and completeness book entries.       as expecte         A_IM-08 Acquisition of address book entries containing secapecte       as expecte         A_IM-09 Acquisition of address book entries containing a secapecte			
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Outgoing Image Outgoing Video           Stand-alone data files           Audio           Audio - Deleted           Image           Image           Video           Video - Deleted           Acquisition started: Thu Jul 16 13:03:08 EDT 2009           Acquisition finished: Thu Jul 16 13:06:57 EDT 2009           Device connectivity was established via supported interface           Readability and completeness of acquired data was successful           ALL PIM related data was acquired           ALL PIM related data was acquired           Aution           A IM-01 Device connectivity via supported interfaces.           A IM-04 Readability and completeness of acquired data via as expected           supported reports.           A IM-07 Acquisition of address book entries.           A IM-08 Acquisition of address book entries containing as expected           a_IM-09 Acquisition of address book entries containing as expected           special characters.           A IM-01 Acquisition of address book entries containing a sexpecte           blank name entry.           A IM-11 Acquisi			
Outgoing Video           Stand-alone data files           Audio           Audio           Audio - Deleted           Image           Image           Image           Video           Video - Deleted           Video - Deleted           Video - Deleted           Video - Deleted           Created By BitPim Version 1.0.6 - official           Acquisition started: Thu Jul 16 13:03:08 EDT 2009           Device connectivity was established via supported interface           Readability and completeness of acquired data was successful           All address book entries were successfully acquired           ALL PIM related data was acquired           uults:           Assertion 6 Expected Result           A IM-01 Device connectivity via supported interfaces.           as expecte           A_IM-04 Readability and completeness of acquired data via superted reports.           A IM-07 Acquisition of address book entries.           A_IM-08 Acquisition of address book entries.           A_IM-08 Acquisition of address book entries containing as expecte           A_IM-01 Acquisition of address book entries containing as expecte           A_IM-01 Acquisition of address book entries containing as expecte           A_IM-10 Acquisition of embedded email addresses within as exp			
Stand-alone data files       Audio         Audio       Audio         Audio       Deleted         Image       Image         Image       Image         Video       Video         Video       Deleted         Video       Video         Acquisition started: Thu Jul 16 13:06:08 EDT 2009         Acquisition finished: Thu Jul 16 13:06:57 EDT 2009         Device connectivity was established via supported interface         Readability and completeness of acquired data was successful         All address book entries were successfully acquired         ALL PIM related data was acquired         ults:         Assertion & Expected Result         A IM-01 Device connectivity via supported interfaces.         as expecte         a. IM-04 Readability and completeness of acquired data via sexpecte         supported reports.         A IM-06 Acquisition of address book entries.         A IM-08 Acquisition of address book entries containing as expecte         special characters.         A IM-10 Acquisition of address book entries containing a sexpecte         blank name entry.         A IM-10 Acquisition of embedded email addresses within ads expecte         blank name entry.         A IM-12 Acquisition of embedded graphics within address			
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Image         Image - Deleted         Video         Video - Deleted         Created By BitPim Version 1.0.6 - official         Acquisition started: Thu Jul 16 13:03:08 EDT 2009         Acquisition finished: Thu Jul 16 13:06:57 EDT 2009         Device connectivity was established via supported interface         Readability and completeness of acquired data was successful         All address book entries were successfully acquired         ALL PIM related data was acquired         ults:         A IM-01 Device connectivity via supported interfaces.         as expected         A IM-07 Acquisition of address book entries.         A IM-07 Acquisition of address book entries.         A. IM-08 Acquisition of address book entries containing as expected         a. IM-109 Acquisition of address book entries containing as expected         blank name entry.         A IM-10 Acquisition of embedded email addresses within as expected         address book entries.         A. IM-12 Acquisition of embedded graphics within address         as expected         blank name entry.         A. IM-12 Acquisition of embedded graphics within address         A. IM-13 Acquisition of PIM data (i.e., datebook/calendar, as expected			
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Video         Video - Deleted         Nights:         Acquisition started: Thu Jul 16 13:03:08 EDT 2009         Acquisition finished: Thu Jul 16 13:06:57 EDT 2009         Device connectivity was established via supported interface         Readability and completeness of acquired data was successful         All address book entries were successfully acquired         ALL PIM related data was acquired         ults:         Assertion & Expected Result         A IM-01 Device connectivity via supported interfaces.         A IM-04 Readability and completeness of acquired data via supported reports.         A IM-07 Acquisition of address book entries.         A IM-08 Acquisition of address book entries containing as expected entries.         A IM-09 Acquisition of address book entries containing as expected special characters.         A IM-10 Acquisition of address book entries containing a sexpected blank name entry.         A IM-11 Acquisition of embedded email addresses within as expected address book entries.         A IM-12 Acquisition of embedded graphics within address         A IM-12 Acquisition of PIM data (i.e., datebook/calendar, as expected block entries.			
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	ýhlights:	<ul> <li>Acquisition started: Thu Jul 16 13:03:08 EDT 2009</li> <li>Acquisition finished: Thu Jul 16 13:06:57 EDT 2009</li> <li>Device connectivity was established via supported interface</li> <li>Readability and completeness of acquired data was successful</li> <li>All address book entries were successfully acquired</li> <li>ALL PIM related data was acquired</li> <li>Assertion &amp; Expected Result</li> <li>A IM-01 Device connectivity via supported interfaces.</li> <li>A_IM-04 Readability and completeness of acquired data via supported reports.</li> <li>A_IM-07 Acquisition of address book entries.</li> <li>A_IM-08 Acquisition of maximum length address book entries.</li> <li>A_IM-09 Acquisition of address book entries containing special characters.</li> <li>A_IM-10 Acquisition of embedded email addresses within address book entries.</li> <li>A_IM-12 Acquisition of embedded graphics within address book entries.</li> <li>A_IM-13 Acquisition of PIM data (i.e., datebook/calendar,</li> </ul>	Actual Result as expected as expected as expected as expected as expected as expected as expected
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### 5.2.39 CFT-IM-07 (SCH-u740)

Test Case CF1	-IM-07 BitPim 1.0.6-offic	zial	
Case	-	e device internal memory and review reported call	
Summary:	logs.		
Assertions:	A_IM-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). A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired		
	-	the tool shall have the ability to present acquired n-readable format via either a preview-pane or	
	generated report. A_IM-15 If a cellular fo	prensic tool successfully completes acquisition of	
		all call logs (incoming/outgoing) shall be presented nat without modification.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jul 16 14:08:22 EDT	2009	
Device:	Samsung SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	1	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	Surgering Dereted	
	TEAC HESSayes	Incoming SMS - Read	
		Incoming SMS - Kead Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS - Deleted	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
-	1 L		

	Image - Deleted			
	Video			
	Video - Deleted			
T e er	Cureted Du DitDim Managing 1.0.0 official			
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 14:08:22 EDT 2009			
J J0 •	Acquisition finished: Thu Jul 16 14:10:40 EDT 2009			
	Device connectivity was established via supported interface			
	Readability and completeness of acquired data was successful			
Results:	Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired			
Results:	Readability and completeness of acquired data was successful	Actual Result		
Results:	Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired	Actual		
Results:	Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result	Actual Result		
Results:	Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected		
Results:	Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected		

### 5.2.40 CFT-IM-08 (SCH-u740)

	-IM-08 BitPim 1.0.6-offic		
Case	-	e device internal memory and review reported text	
Summary:	messages.		
Assertions:		prensic tool provides support for connectivity of	
	the target device then t	the tool shall successfully recognize the target	
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
	A_IM-04 If a cellular forensic tool successfully completes acquisition of		
	$\bar{\mathrm{the}}$ target device then the tool shall have the ability to present acquired		
		n-readable format via either a preview-pane or	
	generated report.	. readable format via erener a preview pane or	
	2 1	prensic tool successfully completes acquisition of	
	_	all text messages (i.e., SMS, EMS) messages shall b	
		adable format without modification.	
	presented in a numan-rea	dable format without modification.	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Jul 16 13:24:40 EDT	2009	
Device:	Samsung SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
<u>+</u> -	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Maaress Book Furties	Maujmum Longth	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	DTM Data	Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
	Call Logo	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		VARIA - DETERER	
		Image	

	Image - Deleted			
	Video			
	Video - Deleted			
Tor	Created By BitPim Version 1.0.6 - official			
Log Highlights:	Acquisition started: Thu Jul 16 13:24:40 EDT 2009			
nightights.	-			
	Acquisition finished: Thu Jul 16 13:26:43 EDT 2009			
	Device compositivity was established via supported interface			
	Device connectivity was established via supported interface			
	Readability and completeness of acquired data was successful			
	All text messages (SMS_EMS) were acquired			
	ALL text messages (SMS, EMS) were acquired			
Results:	ALL text messages (SMS, EMS) were acquired			
Results:	ALL text messages (SMS, EMS) were acquired           Assertion & Expected Result	Actual Result		
Results:				
Results:	Assertion & Expected Result	Result		
Results:	Assertion & Expected Result          A IM-01 Device connectivity via supported interfaces.         A_IM-04 Readability and completeness of acquired data via	Result           as expected		
Results:	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Result           as expected		
Results:	Assertion & Expected Result          A IM-01 Device connectivity via supported interfaces.         A_IM-04 Readability and completeness of acquired data via	Result       as expected       as expected		

### 5.2.41 CFT-IM-09 (SCH-u740)

	-IM-09 BitPim 1.0.6-offic		
Case		e device internal memory and review reported MMS	
Summary:		a (i.e., text, audio, graphics, video).	
Assertions:	A_IM-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).		
	A_IM-04 If a cellular forensic tool successfully completes acquisition of		
	the target device then the tool shall have the ability to present acquired		
	data elements in a human-readable format via either a preview-pane or		
	generated report. A IM-17 If a cellular forensic tool successfully completes acquisition of		
	A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be		
	presented properly with		
		prensic tool successfully completes acquisition of	
		all MMS messages and associated images shall be	
	presented properly with		
		prensic tool successfully completes acquisition of	
		all MMS messages and associated video shall be	
	presented properly with		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Jul 16 13:27:17 EDT	2009	
Device:	Samsung SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
	MMS MORGOGOG	Outgoing EMS - Deleted	
	MMS Messages	Tapanian Audia	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
	11	Outgoing Audio	

		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	Acquisition finished: Thu	Jul 16 13:27:17 EDT 2009 u Jul 16 13:29:33 EDT 2009	
	Device connectivity was e Readability and completer		
Results:	Device connectivity was e Readability and completer	u Jul 16 13:29:33 EDT 2009 established via supported interface ness of acquired data was successful Image, Video) were acquired	Actual
Results:	Device connectivity was e Readability and completer ALL MMS messages (Audio, Assertion & Expected Rea	u Jul 16 13:29:33 EDT 2009 established via supported interface ness of acquired data was successful Image, Video) were acquired sult	Actual Result
Results:	Device connectivity was e Readability and completer ALL MMS messages (Audio, Assertion & Expected Read A IM-01 Device connection	u Jul 16 13:29:33 EDT 2009 established via supported interface ness of acquired data was successful Image, Video) were acquired sult vity via supported interfaces.	Actual Result as expected
Results:	Device connectivity was e Readability and completer ALL MMS messages (Audio, Assertion & Expected Rea A IM-01 Device connecti A_IM-04 Readability and	u Jul 16 13:29:33 EDT 2009 established via supported interface ness of acquired data was successful Image, Video) were acquired sult	Actual Result as expected
Results:	Device connectivity was e Readability and completer ALL MMS messages (Audio, Assertion & Expected Rea A IM-01 Device connecti A_IM-04 Readability and supported reports.	u Jul 16 13:29:33 EDT 2009 established via supported interface ness of acquired data was successful Image, Video) were acquired sult vity via supported interfaces. completeness of acquired data via	Actual Result as expected as expected
Results:	Device connectivity was a Readability and completer ALL MMS messages (Audio, Assertion & Expected Rea A IM-01 Device connecti A_IM-04 Readability and supported reports. A IM-17 Acquisition of A	u Jul 16 13:29:33 EDT 2009 established via supported interface ness of acquired data was successful Image, Video) were acquired sult vity via supported interfaces. completeness of acquired data via audio MMS messages.	Actual Result as expected as expected as expected
Results:	Device connectivity was a Readability and completer ALL MMS messages (Audio, Assertion & Expected Rea A IM-01 Device connection A IM-04 Readability and supported reports. A IM-17 Acquisition of A IM-18 Acquisition of	u Jul 16 13:29:33 EDT 2009 established via supported interface ness of acquired data was successful Image, Video) were acquired sult vity via supported interfaces. completeness of acquired data via audio MMS messages. image MMS messages.	Actual Result as expected as expected as expected as expected
Results:	Device connectivity was a Readability and completer ALL MMS messages (Audio, Assertion & Expected Rea A IM-01 Device connecti A_IM-04 Readability and supported reports. A IM-17 Acquisition of A	u Jul 16 13:29:33 EDT 2009 established via supported interface ness of acquired data was successful Image, Video) were acquired sult vity via supported interfaces. completeness of acquired data via audio MMS messages. image MMS messages.	Actual Result as expected as expected as expected

## 5.2.42 CFT-IM-10 (SCH-u740)

Test Case CFT	-IM-10 BitPim 1.0.6-offic		
Case		e device internal memory and review reported stand-	
Summary:		(i.e., audio, graphics, video).	
Assertions:	A_IM-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).		
	A_IM-04 If a cellular forensic tool successfully completes acquisition of		
	the target device then the tool shall have the ability to present acquired		
	data elements in a human-readable format via either a preview-pane or		
	generated report.		
	A_IM-20 If a cellular forensic tool successfully completes acquisition of		
		all stand-alone audio files shall be playable via	
	either an internal application or suggested third-party application without		
	modification.		
		orensic tool successfully completes acquisition of	
		all stand-alone image files shall be viewable via	
		ication or suggested third-party application without	
	modification.		
		orensic tool successfully completes acquisition of	
	the target device then	all stand-alone video files shall be viewable via	
		ication or suggested third-party application without	
	modification.		
Tester	rpa		
Name:	тра		
Test Host:	Morrisy		
Test Date:	Thu Jul 16 13:38:19 EDT	2009	
Device:	Samsung_SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	Outgoing EMS - Deleted	

	Incoming Image	
	Incoming Video	
	Outgoing Audio	
	Outgoing Image	
	Outgoing Video	
	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Results:	Device connectivity was established via supported inter Readability and completeness of acquired data was succe ALL stand-alone data files (Audio, Image, Video) were a Assertion & Expected Result	essful
Results:	Readability and completeness of acquired data was succe ALL stand-alone data files (Audio, Image, Video) were a	essful acquired Actual
Results:	Readability and completeness of acquired data was succe ALL stand-alone data files (Audio, Image, Video) were a Assertion & Expected Result	Actual Result as expected
Results:	Readability and completeness of acquired data was succe ALL stand-alone data files (Audio, Image, Video) were a Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data supported reports.	Actual Result as expected
Results:	Readability and completeness of acquired data was succe ALL stand-alone data files (Audio, Image, Video) were a Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data supported reports. A IM-20 Acquisition of stand-alone audio files.	Actual Result as expected
Results:	Readability and completeness of acquired data was succe ALL stand-alone data files (Audio, Image, Video) were a Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data supported reports. A IM-20 Acquisition of stand-alone audio files. A IM-21 Acquisition of stand-alone graphic files.	Actual Result as expected via as expected as expected as expected as expected
Results:	Readability and completeness of acquired data was succe ALL stand-alone data files (Audio, Image, Video) were a Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data supported reports. A IM-20 Acquisition of stand-alone audio files.	Actual Result as expected via as expected as expected

### 5.2.43 CFT-IMO-01 (SCH-u740)

Case	T-IMO-01 BitPim 1.0.6-official CFT-IMO-01 Acquire mobile device internal memory and review reported data		
Summary:			
Assertions:	<pre>via supported generated report formats. A IMO-23 If a cellular forensic tool successfully completes acquisition of</pre>		
.5561 010115.			
	the target device then the tool shall present the acquired data without modification via supported generated report formats.		
	modificación via supporte	sa generatea report rormats.	
ester Name:	rna		
est Host:	rpa Morrisy		
	Thu Jul 16 13:41:11 EDT 2	2000	
est Date:		2009	
evice:	Samsung_SCHu740		
ource	OS: WIN XP		
etup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	<u>_</u>	
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IMO-01 BitPim 1.0.6-official	
Highlights:	Acquisition started: Thu Jul 16 13:41:11 EDT 2009 Acquisition finished: Thu Jul 16 13:52:03 EDT 2009 Complete representation of known data via generated reports was successf	
Results:	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

### 5.2.44 CFT-IMO-02 (SCH-u740)

Case	CFT-IMO-02 Acquire mobile device internal memory and review reported data		
Summary:	via the preview-pane.	and for the former and for the former and a	
Assertions:	A IMO-24 If a cellular forensic tool successfully completes acquisition of		
	A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without		
	modification in a previe		
	modified of on a provid		
Cester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jul 16 13:52:27 EDT 2009		
Device:	Samsung SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
-	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
	Carr Hogs	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Toxt Massages	Outgoing - Defeted	
	Text Messages	Incoming CMC Dood	
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	1		

Test Case CFT	-IMO-02 BitPim 1.0.6-official	
Highlights:	Acquisition started: Thu Jul 16 13:52:27 EDT 2009 Acquisition finished: Thu Jul 16 13:57:47 EDT 2009 Complete representation of known data via preview-pane was successfu	
Results:	Assertion & Expected Result	Actual Result
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

### 5.2.45 CFT-IMO-03 (SCH-u740)

Test Case CFT-	-IMO-03 BitPim 1.0.6-offic	ial
Case		e device internal memory and compare reported data
Summary:	via the preview-pane and	supported generated reports.
Assertions:		prensic tool successfully completes acquisition of
		ne tool shall present the acquired data without
		ed generated report formats.
		prensic tool successfully completes acquisition of
		ne tool shall present the acquired data without
	modification in a preview	
		prensic tool provides a preview-pane view and a
		acquired data then the reports shall maintain
	consistency of all report	led data elements.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 16 13:58:11 EDT 2	2009
Device:	Samsung_SCHu740	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		-
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Tout Magazara	outgoing bereteu
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video

	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:58:11 EDT 2009 Acquisition finished: Thu Jul 16 14:01:25 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Consistency between generated reports and preview-pane was successful	
Results:	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	generated reports. A_IMO-24 Comparison of known device data elements via	as expected

### 5.2.46 CFT-IMO-05 (SCH-u740)

Test Case CFT-	IMO-05 BitPim 1.0.6-offic	ial
Case		sical acquisition and review data output for
Summary:	readability.	
Assertions:		prensic tool successfully completes acquisition of
		he tool shall present the acquired data without
		ed generated report formats.
		prensic tool successfully completes acquisition of
		he tool shall present the acquired data without
	modification in a preview	
		forensic tool supports a physical acquisition of
		ne tool shall successfully complete the acquisition
	and present the data in a	a human-readable format.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jul 16 14:01:54 EDT 2	2009
Device:	Samsung SCHu740	
Source	OS: WIN XP	
Setup:	Interface: cable	
secup.		
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		÷
		Foreign Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	Special character
	Call 1093	Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
	1	Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
	ļ	Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
	1	Audio - Deleted
		Image
		Image - Deleted
		Video

	Video - Deleted		
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 14:01:54 EDT 2009 Acquisition finished: Thu Jul 16 14:04:01 EDT 2009 Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful		
Results:			
Nesures.	Assertion & Expected Result	Actual Result	
NEGUILG.	Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports.		
NEGUILD.	A_IMO-23 Comparison of known device data elements via	Result	
Nesures.	A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via	Result as expected	

### 5.2.47 CFT-IMO-07 (SCH-u740)

Case	CFT-IMO-07 Acquire mobile device internal memory and review generated log		
Summary:	files.	- · · · · · · · · · · · · · · · · · · ·	
Assertions:		forensic tool supports log creation then the	
	application should present the log files outlining the acquisition process in a human-readable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jul 16 14:10:31 EDT	2009	
Device:	Samsung SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
Secup.	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
	Hadrebb book Eneries	Maximum Length	
		Regular Length, email, picture	
		Special Character	
		±	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
	Tone needagee	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-along data files		
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT-	Test Case CFT-IMO-07 BitPim 1.0.6-official			
Highlights:	Acquisition started: Wed Jul 16 14:10:31 EDT 2009			
	Acquisition finished: Wed Jul 16 14:15:36 EDT 2009			
	Creation of complete and human-readable log files was successful			
Results:				
	Assertion & Expected Result	Actual Result	]	
	A_IMO-36 Device Log file output.	as expected		
			-	
Analysis:	Expected results achieved			

# 5.2.48 CFT-IMO-08 (SCH-u740)

Test Case CF	-IMO-08 BitPim 1.0.6-off:	icial	
Case	CFT-IMO-08 Acquire mobi	le device internal memory and review data containing	
Summary:	foreign language charac		
Assertions:	<ul> <li>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</li> <li>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</li> <li>A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.</li> <li>A_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.</li> </ul>		
Tester	rpa		
Name:	- <u>r</u>		
Test Host:	Morrisy		
Test Date:	Thu Jul 16 14:12:16 EDT	2009	
Device:	Samsung SCHu740		
Source	OS: WIN XP		
Setup:	Interface: cable		
-	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
1		Incoming SMS - Deleted	
		Outgoing SMS	
1		Outgoing SMS - Deleted	
		ourgoing pro pereced	

**Test Results for BitPim 1.0.6** 

Test Case CF	T-IMO-08 BitPim 1.0.6-official	
	Incoming EMS - Read	
	Incoming EMS - Unread	
	Incoming Foreign EMS - Read	
	Incoming EMS - Deleted	
	Outgoing EMS	
	Outgoing EMS - Deleted	
	MMS Messages	
	Incoming Audio	
	Incoming Image	
	Incoming Video	
	Outgoing Audio	
	Outgoing Image	
	Outgoing Video	
	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Highlights:	Acquisition started: Thu Jul 16 14:12:16 EDT 2009 Acquisition finished: Thu Jul 16 15:09:48 EDT 2009	
	Complete representation of known data via generated repo Complete representation of known data via preview-pane w Foreign character Address book entries were acquired but displayed Foreign character text messages were acquired but not pr	as successful not properly
Results:		
	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
	A_IMO-24 Comparison of known device data elements via	as expected
	preview-pane.	NOT
	A_IMO-37 Acquisition of address book entries containing	
	foreign language characters.	expected
	A_IMO-38 Acquisition of outgoing text messages containi	
	foreign language characters.	expected
Analysis:	Expected results NOT achieved	

### 5.2.49 CFT-IM-01 (SPH-a660)

Case		device internal memory over supported interfaces	
Summary:	(e.g., cable, Bluetooth,	IrDA).	
Assertions:	A_IM-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).		
	device via all vendor su	pported interfaces (e.g., cable, Bluetooth, IrDA).	
Deeten Nemer			
Cester Name:	rpa		
Test Host:	Morrisy	2000	
est Date:	Fri Jul 17 08:59:44 EDT 2	2009	
Device: Source	Samsung_SPHa660 OS: WIN XP		
	Interface: cable		
Setup:	DATA OBJECTS	DATA ELEMENTS	
		DATA ELEMENTS	
	Address Book Entries	Merrimum Terest	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data	Manimum Tanath	
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
	Stand atone data iiies	Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
	1		

Test Case CFT	-IM-01 BitPim 1.0.6-official		
Highlights:	Acquisition started: Fri Jul 17 08:59:44 EDT 2009		
	Acquisition finished: Fri Jul 17 09:02:28 EDT 2009		
	Device connectivity was established via supported interface		
Results:			
	Assertion & Expected Result	Actual Result	
	A_IM-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

#### 5.2.50 CFT-IM-02 (SPH-a660)

	CFI IM 02 ACCEMPC INCEING	al memory acquisition of a non-supported mobile	
ummary:	device.		
ssertions:	A IM-02 If a cellular for	rensic tool attempts to connect to a non-supported	
	device then the tool shall have the ability to identify that the device is		
	not supported.		
ester Name:	rpa		
est Host:	Morrisy		
est Date:	Fri Jul 17 09:02:52 EDT 2	2009	
evice:	non_supported_device		
ource	OS: WIN XP		
etup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs	*	
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	000901119 2010000	
	Tomo noobagoo	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS - Deleted	
	MMS Messages	Outgoing EMS - Deleted	
	mma messages	Incoming Audio	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IM-02 BitPim 1.0.6-official		
Highlights:	Acquisition started: Fri Jul 17 09:02:52 EDT 2009		
	Acquisition finished: Fri Jul 17 09:04:30 EDT 2009		
	Identification of non-supported devices was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	A_IM-02 Identification of non-supported devices.	as expected	
Analysis:	Expected results achieved		

#### 5.2.51 CFT-IM-03 (SPH-a660)

	I-IM-03 BitPim 1.0.6-offici		
Case		evice internal memory acquisition and interrupt	
Summary:	connectivity by interface		
Assertions:	A_IM-01 If a cellular fo:	rensic tool provides support for connectivity of	
	the target device then the	he tool shall successfully recognize the target	
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
		rensic tool encounters disengagement between the	
		hen the application shall notify the user that	
	connectivity has been dia	srupted.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Jul 17 09:04:53 EDT 2	2009	
Device:	Samsung SPHa660		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
	DTM Data	Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	m Maaaaaa	Ourgoing - Derered	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMO Measure	ourgoing Emb - Defered	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
	Stand atone data iiies	Audio	
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Log	Created By BitPim Version 1.0.6 - official	
Highlights:	Acquisition started: Fri Jul 17 09:04:53 EDT 2009	
inightights.	Acquisition finished: Fri Jul 17 09:09:24 EDT 2009	
	Device connectivity was established via supported interface Device acquisition disruption notification was successful	
		*-
Results:		-
Results:	Assertion & Expected Result	Actual Result
Results:	Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-03 Notification of device acquisition disruption.	-
Results:	A_IM-01 Device connectivity via supported interfaces.	Actual Result as expected

#### 5.2.52 CFT-IM-04 (SPH-a660)

Test Case CFT-	-IM-04 BitPim 1.0.6-offici	ial	
Case		device internal memory and review reported data	
Summary:		generated reports for readability.	
Assertions:	A IM-01 If a cellular for	rensic tool provides support for connectivity of	
	the target device then the tool shall successfully recognize the target		
	device via all vendor su	pported interfaces (e.g., cable, Bluetooth, IrDA).	
	A IM-04 If a cellular for	rensic tool successfully completes acquisition of	
	the target device then the	he tool shall have the ability to present acquired	
	data elements in a human	-readable format via either a preview-pane or	
	generated report.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Fri Jul 17 09:11:12 EDT 2009		
Device:	Samsung_SPHa660		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	DTM Dete	Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	outgoing beleted	
	TEAC MESSages	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages	J. J	
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 09:11:12 EDT 2009 Acquisition finished: Fri Jul 17 09:19:36 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful	
Results:	Assertion & Expected Result	Actual Result
Results:	Assertion & Expected Result A IM-01 Device connectivity via supported interfaces.	
Results:	-	Result

#### 5.2.53 CFT-IM-05 (SPH-a660)

	-IM-05 BitPim 1.0.6-off			
Case		le device internal memory and review reported		
Summary:	subscriber and equipment related information (i.e., MEID, MSISDN). A IM-01 If a cellular forensic tool provides support for connectivity of			
Assertions:				
	the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable Bluetooth IrDA)			
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).			
	A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired			
	data elements in a human-readable format via either a preview-pane or			
	generated report. A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in			
	3	1		
	a human-readable format without modification. A IM-06 If a cellular forensic tool successfully completes acquisition of			
		equipment related information shall be presented in		
	a human-readable format without modification.			
Tester				
Tester	rpa			
Name: Test Host:	Morrisy			
Test Date:	Fri Jul 17 09:27:18 ED			
Device:	Samsung SPHa660			
Device: Source	OS: WIN XP			
Source Setup:	Interface: cable			
secup.		DATA ELEMENTS		
		DATA ELEMENTS		
	Address Book Entries	Mr. Suc. Trancille		
		Maximum Length		
		Regular Length, email, picture		
		Special Character		
		Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
		Foreign Entry		
	PIM Data			
		Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
	Test Messie	Outgoing - Deleted		
	Text Messages	Treamine (MG Deed		
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages			
		Incoming Audio		
		Incoming Image		
		Incoming Video		
	11			
		Outgoing Audio		
		Outgoing Audio		
		Outgoing Audio Outgoing Image Outgoing Video		

	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 09:27:18 EDT 2009 Acquisition finished: Fri Jul 17 09:34:53 EDT 2009	
	Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA	
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful	Actual Result
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA Assertion & Expected Result	Actual Result
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA	Actual
Results:	Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA Assertion & Expected Result A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected

#### 5.2.54 CFT-IM-06 (SPH-a660)

5.2.54 61					
	T-IM-06 BitPim 1.0.6-offic				
Case		e device internal memory and review reported PIM			
Summary:	related data.				
Assertions:		prensic 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).				
	A IM-04 If a cellular forensic tool successfully completes acquisition of				
	the target device then the tool shall have the ability to present acquired				
	-				
		n-readable format via either a preview-pane or			
	generated report.				
		prensic tool successfully completes acquisition of			
	3	all known address book entries shall be presented in			
		a human-readable format without modification. A IM-08 If a cellular forensic tool successfully completes acquisition of			
	the target device then all known maximum length address book entries shall be presented in a human-readable format without modification. A_IM-09 If a cellular forensic tool successfully completes acquisition of				
		all known address book entries containing special			
	-	sented in a human-readable format without			
	modification.				
		prensic tool successfully completes acquisition of			
	-	all known address book entries containing blank			
		d in a human-readable format without modification.			
		prensic tool successfully completes acquisition of			
		all known email addresses associated with address			
	_	resented in a human-readable format without			
	modification.				
		prensic tool successfully completes acquisition of			
	-	all known graphics associated with address book			
	entries shall be present	ed in a human-readable format without modification.			
	entries shall be presented in a human-readable format without modification. A IM-13 If a cellular forensic tool successfully completes acquisition of				
	_	prensic tool successfully completes acquisition of			
	the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be			
	the target device then a presented in a human-rea	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification.			
	the target device then a presented in a human-rea A_IM-14 If a cellular fo	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of			
	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries			
	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of			
	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries			
	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries			
Name:	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries			
Tester Name: Test Host:	the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.			
Name: Test Host: Test Date:	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT</pre>	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.			
Name: Test Host: Test Date: Device:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.			
Name: Test Host: Test Date: Device: Source	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable</pre>	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.			
Name: Test Host: Test Date: Device: Source	<pre>the target device then a presented in a human-rea A_IM-14 If a cellular fo the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable</pre>	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	prensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. prensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.			
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.			
Jame: Pest Host: Pest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification.         Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.         2009         DATA ELEMENTS         Maximum Length         Regular Length, email, picture			
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character			
Jame: Pest Host: Pest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification.         Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.         2009         DATA ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name			
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification.         Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.         2009         DATA ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name         Regular Length, Deleted email - deleted picture			
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS    DATA ELEMENTS   Maximum Length Regular Length, email, picture Blank Name Regular Length, Deleted email - deleted picture Deleted Entry			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification.         Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification.         2009         DATA ELEMENTS         Maximum Length         Regular Length, email, picture         Special Character         Blank Name         Regular Length, Deleted email - deleted picture			
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length			
Name: Cest Host: Cest Date: Device: Source	the target device then a presented in a human-rea A IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS  DATA ELEMENTS  Maximum Length Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry  Maximum Length Regular Length Regular Length			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS DATA ELEMENTS DATA ELEMENTS Data Length Regular Length, Deleted email - deleted picture Deleted Entry Maximum Length Regular Length Regular Length			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	DATA ELEMENTS DATA ELEMENTS DATA ELEMENTS Data Length Regular Length, Deleted email - deleted picture Deleted Entry Maximum Length Regular Length Regular Length			
Name: Iest Host: Iest Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Maximum Length Regular Length Deleted Entry Special Character Missed			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2009 2009 2009 2009 2009 2009 200			
Name: Test Host:	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2000 2000 2000 2000 2000 200			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character Maximum Length Regular Length Deleted Entry Special Character Missed Missed - Deleted Incoming Incoming - Deleted Outgoing			
Name: Test Host: Test Date: Device: Source	the target device then a presented in a human-rea A_IM-14 If a cellular for the target device then a shall be presented in a rpa Morrisy Fri Jul 17 09:48:14 EDT Samsung SPHa660 OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries Address Book Entries	Derensic tool successfully completes acquisition of all known datebook, calendar, note entries shall be adable format without modification. Derensic tool successfully completes acquisition of all maximum length datebook, calendar, note entries human readable format without modification. 2009 2000 2000 2000 2000 2000 200			

	Incoming SMS - Read	
	Incoming SMS - Read	
	Incoming SMS - Deleted	
	Outgoing SMS	
	Outgoing SMS - Deleted	
	Incoming EMS - Read	
	Incoming EMS - Unread	
	Incoming Foreign EMS - Read	
	Incoming EMS - Deleted	
	Outgoing EMS	
	Outgoing EMS - Deleted	
	MMS Messages	
	Incoming Audio	
	Incoming Image	
	Incoming Video	
	Outgoing Audio	
	Outgoing Image	
	Outgoing Video	
	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted Video	
	Video - Deleted	
lights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface	
	Acquisition started: Fri Jul 17 09:48:14 EDT 2009	
hlights: ults:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired	Actual
hlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired Assertion & Expected Result	Actual Result
hlights:	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected
	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired ALL PIM related Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A IM-07 Acquisition of address book entries.	Actual Result as expected as expected
	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected as expected
	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired ALL PIM related Result A IM-01 Device connectivity via supported interfaces. A IM-04 Readability and completeness of acquired data via supported reports. A IM-07 Acquisition of address book entries. A IM-08 Acquisition of maximum length address book	Actual Result as expected as expected as expected as expected
	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired ALL PIM related data was acquired ALL PIM related connectivity via supported interfaces. A_IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A_IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing	Actual Result as expected as expected as expected as expected as expected
	Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired <b>Assertion &amp; Expected Result</b> Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports. A IM-07 Acquisition of address book entries. A_IM-08 Acquisition of maximum length address book entries. A_IM-09 Acquisition of address book entries containing special characters. A_IM-10 Acquisition of address book entries containing a blank name entry. A_IM-11 Acquisition of embedded email addresses within	Actual Result as expected as expected as expected as expected as expected as expected
	<pre>Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired</pre> Assertion & Expected Result           A IM-01 Device connectivity via supported interfaces.           A_IM-04 Readability and completeness of acquired data via supported reports.           A_IM-07 Acquisition of address book entries.           A_IM-08 Acquisition of maximum length address book entries.           A_IM-09 Acquisition of address book entries containing special characters.           A_IM-10 Acquisition of address book entries containing a blank name entry.           A_IM-11 Acquisition of embedded email addresses within address book entries.           A_IM-12 Acquisition of embedded graphics within address	Actual Result as expected as expected as expected as expected as expected as expected as expected
	<pre>Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009 Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired</pre> Assertion & Expected Result           A IM-01 Device connectivity via supported interfaces.           A_IM-04 Readability and completeness of acquired data via supported reports.           A_IM-07 Acquisition of address book entries.           A_IM-08 Acquisition of maximum length address book entries.           A_IM-09 Acquisition of address book entries containing special characters.           A_IM-10 Acquisition of address book entries containing a blank name entry.           A_IM-11 Acquisition of embedded email addresses within address book entries.	Actual

#### 5.2.55 CFT-IM-08 (SPH-a660)

Test Case CFT	-IM-08 BitPim 1.0.6-offic	ial	
Case	CFT-IM-08 Acquire mobile	e device internal memory and review reported text	
Summary:	messages.		
Assertions:	A IM-01 If a cellular fo	prensic tool provides support for connectivity of	
		the tool shall successfully recognize the target	
	device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
	A IM-04 If a cellular forensic tool successfully completes acquisition of		
	the target device then the tool shall have the ability to present acquired		
	data elements in a human-readable format via either a preview-pane or		
	generated report.	i readable format via ercher a preview pane or	
		prensic tool successfully completes acquisition of	
		all text messages (i.e., SMS, EMS) messages shall be	
		All text messages (1.e., SMS, EMS) messages shall be Adable format without modification.	
	presented in a numan-rea	adabie format without modification.	
<b>m</b>			
Tester Name:	rpa		
Test Host:	Morrigu		
	Morrisy Fri Jul 17 10:01:11 EDT	2000	
Test Date:		2009	
Device:	Samsung SPHa660		
Source	OS: WIN XP		
Setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
	Call 1095	Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS MORRAGO	ourgoing pro pereceu	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
		Subgering Video	
	Stand-alone data files		
	Stand-alone data files	Audio	
	Stand-alone data files	Audio Audio - Deleted	

	Image - Deleted			
	Video			
	Video - Deleted			
Log	Created By BitPim Version 1.0.6 - official			
Highlights:	Acquisition started: Fri Jul 17 10:01:11 EDT 2009			
mightighes.	Acquisition finished: Fri Jul 17 10:06:02 EDT 2009			
	Acquisicion linisnea: Fri Jul 1/ 10:00:02 EDT 2009			
	Device connectivity was established via supported interface			
	Readability and completeness of acquired data was successful			
	Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired			
	Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired			
Results:				
Results:		Actual Result		
Results:	ALL text messages (SMS, EMS) were acquired	Actual		
Results:	ALL text messages (SMS, EMS) were acquired           Assertion & Expected Result	Actual Result		
Results:	ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected		
Results:	ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected		
Results:	ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via	Actual Result as expected as expected		
Results: Analysis:	ALL text messages (SMS, EMS) were acquired Assertion & Expected Result A IM-01 Device connectivity via supported interfaces. A_IM-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected as expected		

### 5.2.56 CFT-IMO-01 (SPH-a660)

Test Case CFT	CFT-IMO-01 Acquire mobile device internal memory and review reported data		
Case Summary:			
Assertions:	via supported generated		
ASSertions:	A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without		
		ed generated report formats.	
		ed generated report ronmats.	
ester Name:	203		
	rpa Morrisy		
'est Host:	4	2000	
'est Date: Device:	Fri Jul 17 10:09:18 EDT Samsung SPHa660	2009	
	OS: WIN XP		
ource	Interface: cable		
etup:	DATA OBJECTS	DATA ELEMENTS	
		DATA ELEMENTS	
	Address Book Entries	Maudauna Tarath	
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	
		ATACO DETECER	

Test Case CFT	-IMO-01 BitPim 1.0.6-official	
Highlights:	Acquisition started: Fri Jul 17 10:09:18 EDT 2009 Acquisition finished: Fri Jul 17 10:14:37 EDT 2009 Complete representation of known data via generated report	s was successful
Results:	Assertion & Expected Result	Actual Result
	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

### 5.2.57 CFT-IMO-02 (SPH-a660)

	FT-IMO-02 BitPim 1.0.6-official CFT-IMO-02 Acquire mobile device internal memory and review reported data		
Case Summary:	via the preview-pane.		
Assertions:	A IMO-24 If a cellular forensic tool successfully completes acquisition of		
	A_IMO-24 if a certuiar forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.		
ester Name:	rpa		
est Host:	Morrisy		
est Date:	Fri Jul 17 10:14:57 EDT	2009	
evice:	Samsung SPHa660		
ource	OS: WIN XP		
setup:	Interface: cable		
	DATA OBJECTS	DATA ELEMENTS	
	Address Book Entries		
		Maximum Length	
		Regular Length, email, picture	
		Special Character	
		Blank Name	
		Regular Length, Deleted email - deleted picture	
		Deleted Entry	
		Foreign Entry	
	PIM Data		
		Maximum Length	
		Regular Length	
		Deleted Entry	
		Special Character	
	Call Logs		
		Missed	
		Missed - Deleted	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages		
		Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
		Outgoing EMS - Deleted	
	MMS Messages		
		Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files		
		Audio	
		Audio - Deleted	
		Image	
		Image - Deleted	
		Video	
		Video - Deleted	

Test Case CFT	-IMO-02 BitPim 1.0.6-official	
Highlights:	Acquisition started: Fri Jul 17 10:14:57 EDT 2009 Acquisition finished: Fri Jul 17 10:16:13 EDT 2009	
	Complete representation of known data via preview-pane was	s successful
Results:		
	Assertion & Expected Result	Actual
		Result
	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
Analysis:	Expected results achieved	

#### 5.2.58 CFT-IMO-03 (SPH-a660)

	IMO-03 BitPim 1.0.6-offic	
Case		e device internal memory and compare reported data
Summary:		supported generated reports.
Assertions:		prensic tool successfully completes acquisition of
		ne tool shall present the acquired data without
		ed generated report formats.
		prensic tool successfully completes acquisition of
		ne tool shall present the acquired data without
	modification in a preview	
		prensic tool provides a preview-pane view and a
		acquired data then the reports shall maintain
	consistency of all report	ted data elements.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jul 17 10:16:32 EDT 2	2009
Device:	Samsung_SPHa660	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	
	Tim Baca	Maximum Length
		Regular Length
		Deleted Entry
	~ 11 T	Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-along data filts	Sacgorna Araco
	Stand-alone data files	7
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video

	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:16:32 EDT 2009 Acquisition finished: Fri Jul 17 10:29:20 EDT 2009 Complete representation of known data via generated reports Complete representation of known data via preview-pane was s Consistency between generated reports and preview-pane was s	uccessful
Results:	Assertion & Expected Result	Actual
		Result
	A_IMO-23 Comparison of known device data elements via generated reports.	Result as expected
	generated reports. A_IMO-24 Comparison of known device data elements via	as expected

#### 5.2.59 CFT-IMO-05 (SPH-a660)

Test Case CFT-	IMO-05 BitPim 1.0.6-offic	
Case	CFT-IMO-05 Perform a phys	sical acquisition and review data output for
Summary:	readability.	
Assertions:		prensic tool successfully completes acquisition of
15501010115.		
		ne tool shall present the acquired data without
		ed generated report formats.
		prensic tool successfully completes acquisition of
	the target device then the	ne tool shall present the acquired data without
	modification in a preview	v-pane view.
		forensic tool supports a physical acquisition of
		ne tool shall successfully complete the acquisitio
	-	
	and present the data in a	a numan-readable format.
ester Name:	rpa	
est Host:	Morrisy	
est Date:	Fri Jul 17 10:30:04 EDT 2	2009
evice:	Samsung SPHa660	
ource	OS: WIN XP	
etup:	Interface: cable	
erup.		
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
		Foleigh Entry
	PIM Data	
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
	ļ	Incoming EMS - Unread
		Incoming Foreign EMS – Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
	Stand atone data ittes	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video

	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:30:04 EDT 2009 Acquisition finished: Fri Jul 17 10:33:42 EDT 2009 Complete representation of known data via generated reports w Complete representation of known data via preview-pane was su Physical Acquisition: readability and completeness was success	uccessful
Results:		
	Assertion & Expected Result	Actual Result
	Assertion & Expected Result          A_IMO-23 Comparison of known device data elements via generated reports.	
	A_IMO-23 Comparison of known device data elements via	Result
	A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via	Result as expected

#### 5.2.60 CFT-IMO-06 (SPH-a660)

Test Case CF	<b>T-IMO-06 BitPim 1.0.6-offi</b>	cial		
Case		vsical acquisition and review reports for		
Summary:	recoverable deleted data			
Assertions:		forensic tool successfully completes acquisition of		
		the tool shall present the acquired data without		
		ted generated report formats.		
		forensic tool successfully completes acquisition of		
		the tool shall present the acquired data without		
	modification in a previe			
	-	r forensic tool supports a physical acquisition of		
		esent on the target device then the tool shall		
		ted data or address book data remnants in a human-		
	readable format.	sea auta or address sook auta remaines in a naman		
		r forensic tool supports a physical acquisition of		
		es present on the target device then the tool shall		
	report recoverable deleted calendar, tasks, or note data remnants in a human-readable format.			
		r forensic tool supports a physical acquisition of		
		e target device then the tool shall report		
		l or call log data remnants in a human-readable		
		I OF CALL TOG GALA TERMIANUS IN A NUMAN-TEAGADIE		
	format.	· ferrencia tool engeneta e ghuaisal esquisition of		
		r forensic tool supports a physical acquisition of		
		the target device then the tool shall report		
		messages or SMS message data remnants in a human-		
	readable format.			
		forensic tool supports a physical acquisition of		
		the target device then the tool shall report		
		messages or EMS message data remnants in a human-		
	readable format.			
		r forensic tool supports a physical acquisition of		
		the target device then the tool shall report		
		io data or audio file data remnants in a human-		
	readable format.			
		r forensic tool supports a physical acquisition of		
	graphic files present or	n the target device then the tool shall report		
		phic file data or graphic file data remnants in a		
	human-readable format.			
	A IMO-35 If the cellular	r forensic tool supports a physical acquisition of		
	video files present on t	the target device then the tool shall report		
	recoverable deleted vide	eo file data or video file data remnants in a human-		
	readable format.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Fri Jul 17 10:35:00 EDT	0000		
		2009		
Device:	Samsung_SPHa660	2009		
Device:	Samsung_SPHa660 OS: WIN XP	2009		
Device: Source		2009		
Device: Source	OS: WIN XP	DATA ELEMENTS		
Device: Source	OS: WIN XP Interface: cable			
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry		
	OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry Special Character		
Device: Source	OS: WIN XP Interface: cable DATA OBJECTS Address Book Entries PIM Data	DATA ELEMENTS Maximum Length Regular Length, email, picture Special Character Blank Name Regular Length, Deleted email - deleted picture Deleted Entry Foreign Entry Maximum Length Regular Length Deleted Entry		

Test Case CF	T-IMO-06 BitPim 1.0.6-offic	cial	
		Incoming	
		Incoming - Deleted	
		Outgoing	
		Outgoing - Deleted	
	Text Messages	Incoming SMS - Read	
		Incoming SMS - Unread	
		Incoming SMS - Deleted	
		Outgoing SMS	
		Outgoing SMS - Deleted	
		Incoming EMS - Read	
		Incoming EMS - Unread	
		Incoming Foreign EMS - Read	
		Incoming EMS - Deleted	
		Outgoing EMS	
	MMS Messages	Outgoing EMS - Deleted	
	MMS Messages	Incoming Audio	
		Incoming Image	
		Incoming Video	
		Outgoing Audio	
		Outgoing Image	
		Outgoing Video	
	Stand-alone data files	5 11	
		Audio	
		Audio - Deleted	
		Image Image - Deleted	
		Video	
		Video - Deleted	
Highlights:	Acquisition finished: Fr. Complete representation Complete representation	Jul 17 10:35:00 EDT 2009 i Jul 17 10:39:57 EDT 2009 of known data via generated reports w of known data via preview-pane was su adability and completeness was succes	uccessful
	Deleted PIM data was not Deleted Call log data was Deleted Call log data was Deleted text message data Deleted audio data was no	ries were not recovered recovered s recovered s not recovered a was recovered ot recovered	55101
Results:	Deleted Call log data wa Deleted Call log data wa Deleted text message data	ries were not recovered recovered s recovered s not recovered a was recovered ot recovered not recovered	
Results:	Deleted Call log data was Deleted Call log data was Deleted text message data Deleted audio data was no Deleted graphic data was Deleted video data was no Assertion & Expected Re	ries were not recovered recovered s recovered s not recovered a was recovered ot recovered not recovered ot recovered sult	Actual Result
Results:	Deleted Call log data was Deleted Call log data was Deleted text message data Deleted audio data was no Deleted graphic data was Deleted video data was no Assertion & Expected Re A_IMO-23 Comparison of generated reports.	ries were not recovered recovered s recovered s not recovered a was recovered ot recovered not recovered ot recovered sult known device data elements via	Actual Result as expected
Results:	Deleted Call log data was Deleted Call log data was Deleted Call log data was Deleted text message data Deleted audio data was no Deleted graphic data was Deleted video data was no Assertion & Expected Re A_IMO-23 Comparison of generated reports. A_IMO-24 Comparison of preview-pane.	ries were not recovered recovered s recovered s not recovered a was recovered ot recovered not recovered ot recovered sult known device data elements via known device data elements via	Actual Result as expected as expected
Results:	Deleted Call log data was Deleted Call log data was Deleted Call log data was Deleted text message data Deleted audio data was no Deleted graphic data was Deleted video data was no Assertion & Expected Re A_IMO-23 Comparison of generated reports. A_IMO-24 Comparison of preview-pane. A_IMO-28 Physical acqui book entries.	ries were not recovered recovered s recovered s not recovered a was recovered ot recovered not recovered ot recovered sult known device data elements via known device data elements via	Actual Result as expected as expected as expected
Results:	Deleted Call log data was Deleted Call log data was Deleted Call log data was Deleted text message data Deleted audio data was no Deleted graphic data was Deleted video data was no Assertion & Expected Re A_IMO-23 Comparison of generated reports. A_IMO-24 Comparison of preview-pane. A_IMO-28 Physical acqui book entries. A_IMO-29 Physical acqui data.	ries were not recovered recovered s recovered s not recovered ot recovered not recovered sult known device data elements via sition, recovery of deleted address sition, recovery of deleted PIM	Actual Result as expected as expected as expected as expected
Results:	Deleted Call log data was Deleted Call log data was Deleted Call log data was Deleted text message data Deleted audio data was no Deleted graphic data was Deleted video data was no Assertion & Expected Re A_IMO-23 Comparison of generated reports. A_IMO-24 Comparison of preview-pane. A_IMO-28 Physical acqui book entries. A_IMO-29 Physical acqui data. A_IMO-30 Physical acqui logs.	ries were not recovered recovered s recovered s not recovered ot recovered not recovered ot recovered sult known device data elements via known device data elements via sition, recovery of deleted address sition, recovery of deleted PIM sition, recovery of deleted call	Actual Result as expected as expected as expected as expected as expected
Results:	Deleted Call log data was Deleted Call log data was Deleted Call log data was Deleted text message data Deleted audio data was no Deleted graphic data was Deleted video data was no Assertion & Expected Re A_IMO-23 Comparison of generated reports. A_IMO-24 Comparison of preview-pane. A_IMO-28 Physical acqui book entries. A_IMO-29 Physical acqui data. A_IMO-30 Physical acqui logs. A_IMO-31 Physical acqui messages.	ries were not recovered recovered s recovered s not recovered ot recovered not recovered sult known device data elements via sition, recovery of deleted address sition, recovery of deleted PIM	Actual Result as expected as expected as expected as expected

	A_IMO-33 Physical acquisition, recovery of deleted stand- alone audio files.	as expected
	A_IMO-34 Physical acquisition, recovery of deleted graphic files.	as expected
	A_IMO-35 Physical acquisition, recovery of deleted video files.	as expected
Analysis:	Expected results achieved	

#### 5.2.61 CFT-IMO-07 (SPH-a660)

Case	-IMO-07 BitPim 1.0.6-offi	le device internal memory and review generated log
Summary:	files.	to active incornar memory and review generated 10g
Assertions:		r forensic tool supports log creation then the
		ent the log files outlining the acquisition process
	in a human-readable for	
'ester Name:	rpa	
est Host:	Morrisy	
est Date:	Fri Jul 17 10:41:48 EDT	2009
Device:	Samsung_SPHa660	
Source	OS: WIN XP	
Setup:	Interface: cable	
	DATA OBJECTS	DATA ELEMENTS
	Address Book Entries	
		Maximum Length
		Regular Length, email, picture
		Special Character
		Blank Name
		Regular Length, Deleted email - deleted picture
		Deleted Entry
		Foreign Entry
	PIM Data	Marchan an Transfill
		Maximum Length
		Regular Length
		Deleted Entry
		Special Character
	Call Logs	
		Missed
		Missed - Deleted
		Incoming
		Incoming - Deleted
		Outgoing
		Outgoing - Deleted
	Text Messages	
		Incoming SMS - Read
		Incoming SMS - Unread
		Incoming SMS - Deleted
		Outgoing SMS
		Outgoing SMS - Deleted
		Incoming EMS - Read
		Incoming EMS - Unread
		Incoming Foreign EMS - Read
		Incoming EMS - Deleted
		Outgoing EMS
		Outgoing EMS - Deleted
	MMS Messages	
		Incoming Audio
		Incoming Image
		Incoming Video
		Outgoing Audio
		Outgoing Image
		Outgoing Video
	Stand-alone data files	
		Audio
		Audio - Deleted
		Image
		Image - Deleted
		Video
		Video - Deleted

Test Case CFT-	-IMO-07 BitPim 1.0.6-official		
Highlights:	Acquisition started: Fri Jul 17 10	:41:48 EDT 2009	
	Acquisition finished: Fri Jul 17 1	0:50:01 EDT 2009	
	Creation of complete and human-rea	dable log files v	was successful
Results:			
	Assertion & Expected Result	Actual Result	]
	A_IMO-36 Device Log file output.	as expected	]
Analysis:	Expected results achieved		

#### 5.2.62 CFT-IMO-08 (SPH-a660)

Test Case CF	r-IMO-08 BitPim 1.0.6-of	ficial		
Case		ile device internal memory and review data containing		
Summary:	foreign language chara			
Assertions:		forensic tool successfully completes acquisition of		
		the tool shall present the acquired data without		
	modification via supported generated report formats.			
	A_IMO-24 If a cellular forensic tool successfully completes acquisition of			
	the target device then the tool shall present the acquired data without			
	modification in a preview-pane view.			
		ar forensic tool supports proper display of foreign		
		s then the application should present address book		
		eign language characters in their native format		
	without modification.			
		ar forensic tool supports proper display of foreign		
		s then the application should present text messages guage characters in their native format without		
	modification.	guage characters in their hative format without		
	modificación.			
Tester				
Name:	rpa			
Test Host:	Morrisv			
Test Date:	Fri Jul 17 10:50:28 ED	T 2000		
Device:	Samsung SPHa660	1 2009		
Source.	OS: WIN XP			
Setup:	Interface: cable			
secup.		DATA ELEMENTS		
	Address Book Entries	DATA ELEMENTS		
	Address Book Entries	Mowimum Longth		
		Maximum Length		
		Regular Length, email, picture		
		Special Character		
		Blank Name		
		Regular Length, Deleted email - deleted picture		
		Deleted Entry		
		Foreign Entry		
	PIM Data			
		Maximum Length		
		Regular Length		
		Deleted Entry		
		Special Character		
	Call Logs			
		Missed		
		Missed - Deleted		
		Incoming		
		Incoming - Deleted		
		Outgoing		
		Outgoing - Deleted		
	Text Messages			
		Incoming SMS - Read		
		Incoming SMS - Unread		
		Incoming SMS - Deleted		
		Outgoing SMS		
		Outgoing SMS - Deleted		
		Incoming EMS - Read		
		Incoming EMS - Read Incoming EMS - Unread		
		Incoming Foreign EMS - Read		
		Incoming EMS - Deleted		
		Outgoing EMS		
		Outgoing EMS - Deleted		
	MMS Messages			
		Incoming Audio		
		Incoming Image		
		Incoming Image Incoming Video		
		Incoming Video		

	Stand-alone data files	
	Audio	
	Audio - Deleted	
	Image	
	Image - Deleted	
	Video	
	Video - Deleted	
Log Highlights:	Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:50:28 EDT 2009 Acquisition finished: Fri Jul 17 10:52:03 EDT 2009	
	Complete representation of known data via generated reports Complete representation of known data via preview-pane was Foreign character Address book entries were acquired and pro- Foreign character text messages were acquired but not proper	successful operly displayed
Results:	Complete representation of known data via preview-pane was a Foreign character Address book entries were acquired and pro-	successful operly displayed rly displayed Actual
Results:	Complete representation of known data via preview-pane was a Foreign character Address book entries were acquired and pro Foreign character text messages were acquired but not proper	successful operly displayed rly displayed
Results:	Complete representation of known data via preview-pane was a Foreign character Address book entries were acquired and pro Foreign character text messages were acquired but not propes Assertion & Expected Result A_IMO-23 Comparison of known device data elements via	successful operly displayed rly displayed Actual Result
Results:	Complete representation of known data via preview-pane was a Foreign character Address book entries were acquired and pro- Foreign character text messages were acquired but not proper Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing	successful operly displayed rly displayed Actual Result as expected
Results:	Complete representation of known data via preview-pane was a Foreign character Address book entries were acquired and pro- Foreign character text messages were acquired but not proper Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane.	successful operly displayed rly displayed Actual Result as expected as expected
Results:	Complete representation of known data via preview-pane was a Foreign character Address book entries were acquired and pro- Foreign character text messages were acquired but not prope: Assertion & Expected Result A_IMO-23 Comparison of known device data elements via generated reports. A_IMO-24 Comparison of known device data elements via preview-pane. A_IMO-37 Acquisition of address book entries containing foreign language characters. A_IMO-38 Acquisition of outgoing text messages containing	successful operly displayed rly displayed Actual Result as expected as expected as expected NOT as

#### About the National Institute of Justice

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

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

#### **Strategic Goals**

NIJ has seven strategic goals grouped into three categories:

#### Creating relevant knowledge and tools

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

#### Dissemination

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

#### Agency management

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

#### **Program Areas**

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

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

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

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