

1 **1 Test Results for Mobile Device Acquisition Tool –**

2 **XRY/XACT v6.10.1**

3 The main item of interest for interpreting the test results is determining the conformance
4 of the tool under test. Conformance with each assertion tested by a given test case is
5 evaluated by examining the **Log Highlights** box of the test report.
6

7 **1.1 Test Results Report Key**

8 The following table presents an explanation of each section of the test details in section
9 1.2. The Tester Name, Test Host, Test Date, Device, Source Setup and Log Highlights
10 sections for each test case are populated by excerpts taken from the log files produced by
11 the tool under test.
12
13

Heading	Description
First Line:	Test case ID, name, and version of tool tested.
Case Summary:	Test case summary from <i>Mobile Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8, 2014)</i> .
Assertions:	The test assertions applicable to the test case, selected from <i>Mobile Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8, 2014)</i> .
Tester Name:	Name or initials of person executing test procedure.
Test Host:	Host computer executing the test.
Test Date:	Time and date that test was started.
Device:	Source mobile device, SIM.
Source Setup:	Acquisition interface.
Log Highlights:	Information extracted from various log files to illustrate conformance or non-conformance to the test assertions.

14 **Table 1: Test Results Report Key**

15

16 **1.2 Test Results**

17 The test results are presented in this section.

18

19 **1.2.1 MDT-01 – Samsung Galaxy S3**

Test Case MDT-01 XRY/XACT v6.10.1					
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).				
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:01:01 EDT 2014				
Device:	Galaxy S3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:01:01 EDT 2014 Acquisition finished: Mon Aug 4 14:36:42 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

20

21 **1.2.2 MDT-02 – Samsung Galaxy S3**

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:01:29 EDT 2014				
Device:	Galaxy S3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:01:29 EDT 2014 Acquisition finished: Mon Aug 4 14:37:00 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

22

23

24 **1.2.3 MDT-03 – Samsung Galaxy S3**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:01:59 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:01:59 EDT 2014 Acquisition finished: Mon Aug 4 14:37:20 EDT 2014</p> <p>Readability and completeness of acquired data was not successful</p> <p>Notes: Graphic files associated with contact entries are not present in the generated html report. Note: they are for the pdf report.</p> <p>Chinese contacts are not displayed in their native format in the pdf report but are for the html report.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected				
Analysis:	Expected results Not achieved				

25

26 **1.2.4 MDT-04 – Samsung Galaxy S3**

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:02:25 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:02:25 EDT 2014 Acquisition finished: Mon Aug 4 14:40:43 EDT 2014</p> <p>IMEI was acquired</p> <p>Notes: The MSISDN was not reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and</td> <td>Not as</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and	Not as
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and	Not as				

Test Case MDT-04 XRY/XACT v6.10.1		
	equipment related data in a useable format.	expected
Analysis:	Partial results achieved	

27

28 1.2.5 MDT-05 – Samsung Galaxy S3

Test Case MDT-05 XRY/XACT v6.10.1						
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).					
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Mon Aug 4 14:03:04 EDT 2014					
Device:	GalaxyS3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:03:04 EDT 2014 Acquisition finished: Mon Aug 4 14:42:26 EDT 2014</p> <p>All address book entries were successfully acquired Partial PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired</p> <p>Notes: Memo data was not acquired.</p>					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Assertion & Expected Result	Actual Result					
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected					
Analysis:	Partial results achieved					

29

30

31 **1.2.6 MDT-06 – Samsung Galaxy S3**

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Mon Aug 4 14:03:29 EDT 2014										
Device:	GalaxyS3										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:03:29 EDT 2014 Acquisition finished: Mon Aug 4 14:45:17 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

32

33 **1.2.7 MDT-07 – Samsung Galaxy S3**

Test Case MDT-07 XRY/XACT v6.10.1	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:06:57 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:06:57 EDT 2014 Acquisition finished: Mon Aug 4 14:49:02 EDT 2014 UICC connectivity was established via supported interface

Test Case MDT-07 XRY/XACT v6.10.1					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

34

35 1.2.8 MDT-08 – Samsung Galaxy S3

Test Case MDT-08 XRY/XACT v6.10.1					
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:07:22 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:07:22 EDT 2014 Acquisition finished: Mon Aug 4 14:49:12 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

36

37 1.2.9 MDT-09 – Samsung Galaxy S3

Test Case MDT-09 XRY/XACT v6.10.1					
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:07:46 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:07:46 EDT 2014 Acquisition finished: Mon Aug 4 14:49:30 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				

Test Case MDT-09 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

38

39 **1.2.10 MDT-10 – Samsung Galaxy S3**

Test Case MDT-10 XRY/XACT v6.10.1					
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).				
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:08:31 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:08:31 EDT 2014 Acquisition finished: Mon Aug 4 14:49:48 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected				
Analysis:	Expected results achieved				

40

41 **1.2.11 MDT-11 – Samsung Galaxy S3**

Test Case MDT-11 XRY/XACT v6.10.1	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:08:53 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB

Test Case MDT-11 XRY/XACT v6.10.1									
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:08:53 EDT 2014 Acquisition finished: Mon Aug 4 14:50:20 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected	MDT-AO-06 Select-all UICC data objects acquisition.	NA	MDT-AO-07 Select-individual UICC data objects acquisition.	NA
Assertion & Expected Result	Actual Result								
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected								
MDT-AO-06 Select-all UICC data objects acquisition.	NA								
MDT-AO-07 Select-individual UICC data objects acquisition.	NA								
Analysis:	Expected results achieved								

42

43 1.2.12 MDT-12 – Samsung Galaxy S3

Test Case MDT-12 XRY/XACT v6.10.1					
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:03:57 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:03:57 EDT 2014 Acquisition finished: Mon Aug 4 14:45:36 EDT 2014 Notification of modified device memory data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

44

45 1.2.13 MDT-13 – Samsung Galaxy S3

Test Case MDT-13 XRY/XACT v6.10.1	
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:09:21 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB

Test Case MDT-13 XRY/XACT v6.10.1					
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:09:21 EDT 2014 Acquisition finished: Mon Aug 4 14:50:41 EDT 2014</p> <p>Notification of modified SIM data was not successful</p> <p>Notes: Case file data can be modified and re-opened without warning.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

46

47 **1.2.14 MDT-14 – Samsung Galaxy S3**

Test Case MDT-14 XRY/XACT v6.10.1					
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.				
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:10:07 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:10:07 EDT 2014 Acquisition finished: Mon Aug 4 14:52:23 EDT 2014</p> <p>Ability to enter PIN on protected media before acquisition was successful</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

48

49 **1.2.15 MDT-15 – Samsung Galaxy S3**

Test Case MDT-15 XRY/XACT v6.10.1	
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:10:35 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:10:35 EDT 2014 Acquisition finished: Mon Aug 4 14:52:41 EDT 2014</p>

Test Case MDT-15 XRY/XACT v6.10.1					
	The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

50

51 **1.2.16 MDT-16 – Samsung Galaxy S3**

Test Case MDT-16 XRY/XACT v6.10.1					
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.				
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:11:01 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:11:01 EDT 2014 Acquisition finished: Mon Aug 4 14:52:56 EDT 2014 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

52

53 **1.2.17 MDT-17 – Samsung Galaxy S3**

Test Case MDT-17 XRY/XACT v6.10.1	
Case Summary:	MDT-17 Perform a physical acquisition and review data output for readability.
Assertions:	MDT-AO-12 If the mobile device forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:04:29 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:04:29 EDT 2014 Acquisition finished: Mon Aug 4 14:46:52 EDT 2014

Test Case MDT-17 XRY/XACT v6.10.1					
	Physical Acquisition: readability and completeness was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-12 Physical acquisition, data is presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-12 Physical acquisition, data is presented in a useable format.	as expected
	Assertion & Expected Result	Actual Result			
MDT-AO-12 Physical acquisition, data is presented in a useable format.	as expected				
Analysis:	Expected results achieved				

54

55 **1.2.18 MDT-18 – Samsung Galaxy S3**

Test Case MDT-18 XRY/XACT v6.10.1					
Case Summary:	MDT-18 Perform a physical acquisition and review reports for recoverable deleted data.				
Assertions:	MDT-AO-12 If the mobile device forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:04:52 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:04:52 EDT 2014 Acquisition finished: Mon Aug 4 14:47:10 EDT 2014</p> <p>Deleted address book entries were recovered Deleted PIM data was recovered Deleted Call log data was recovered Deleted text message data was recovered Deleted audio data was not recovered Deleted graphic data was not recovered Deleted video data was not recovered</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-12 Physical acquisition, data is presented in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-12 Physical acquisition, data is presented in a useable format.	Not as expected
	Assertion & Expected Result	Actual Result			
MDT-AO-12 Physical acquisition, data is presented in a useable format.	Not as expected				
Analysis:	Partial results achieved				

56

57 **1.2.19 MDT-19 – Samsung Galaxy S3**

Test Case MDT-19 XRY/XACT v6.10.1	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:05:31 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:05:31 EDT 2014</p>

Test Case MDT-19 XRY/XACT v6.10.1					
	Acquisition finished: Mon Aug 4 14:47:48 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

58

59 **1.2.20 MDT-20 – Samsung Galaxy S3**

Test Case MDT-20 XRY/XACT v6.10.1					
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.				
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:11:31 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:11:31 EDT 2014 Acquisition finished: Mon Aug 4 14:53:25 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

60

61 **1.2.21 MDT-22 – Samsung Galaxy S3**

Test Case MDT-22 XRY/XACT v6.10.1	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:05:58 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:05:58 EDT 2014 Acquisition finished: Mon Aug 4 14:48:12 EDT 2014

Test Case MDT-22 XRY/XACT v6.10.1					
	Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected				
Analysis:	Expected results achieved				

62

63 **1.2.22 MDT-23 – Samsung Galaxy S3**

Test Case MDT-23 XRY/XACT v6.10.1					
Case Summary:	MDT-23 Acquire UICC memory and review hash values for vendor supported data objects.				
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:11:58 EDT 2014				
Device:	GalaxyS3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:11:58 EDT 2014 Acquisition finished: Mon Aug 4 14:53:39 EDT 2014 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected				
Analysis:	Expected results achieved				

64

65 **1.2.23 MDT-24 – Samsung Galaxy S3**

Test Case MDT-24 XRY/XACT v6.10.1	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:06:24 EDT 2014
Device:	GalaxyS3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:06:24 EDT 2014 Acquisition finished: Mon Aug 4 14:48:29 EDT 2014 GPS Coordinate data was successfully acquired

Test Case MDT-24 XRY/XACT v6.10.1		
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

66

67 **1.2.24 MDT-01 – Samsung Galaxy S4**

Test Case MDT-01 XRY/XACT v6.10.1		
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Mon Aug 4 14:13:04 EDT 2014	
Device:	GalaxyS4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:13:04 EDT 2014 Acquisition finished: Tue Aug 5 07:24:10 EDT 2014 Device connectivity was established via supported interface	
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

68

69 **1.2.25 MDT-02 – Samsung Galaxy S4**

Test Case MDT-02 XRY/XACT v6.10.1		
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Mon Aug 4 14:13:29 EDT 2014	
Device:	GalaxyS4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:13:29 EDT 2014 Acquisition finished: Tue Aug 5 07:24:42 EDT 2014 Device acquisition disruption notification was successful	
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected

Test Case MDT-02 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

70

71 **1.2.26 MDT-03 – Samsung Galaxy S4**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:15:59 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:15:59 EDT 2014 Acquisition finished: Tue Aug 5 07:24:57 EDT 2014 Readability and completeness of acquired data was not successful Notes: Graphic files associated with contact entries are not present in the generated html report. Note: they are for the pdf report. Chinese contacts are not displayed in their native format in the pdf report but are for the html report.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected				
Analysis:	Expected results Not achieved				

72

73 **1.2.27 MDT-04 – Samsung Galaxy S4**

Test Case MDT-04 XRY/XACT v6.10.1	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:16:27 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:16:27 EDT 2014 Acquisition finished: Tue Aug 5 07:25:37 EDT 2014 IMEI was acquired

Test Case MDT-04 XRY/XACT v6.10.1					
	Notes: The MSISDN was not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Partial results achieved				

74

75 **1.2.28 MDT-05 – Samsung Galaxy S4**

Test Case MDT-05 XRY/XACT v6.10.1					
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).				
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:16:53 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:16:53 EDT 2014 Acquisition finished: Tue Aug 5 07:27:55 EDT 2014 All address book entries were successfully acquired Partial PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired Notes: Memo data was not acquired.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected				
Analysis:	Partial results achieved				

76

77

1.2.29 MDT-06 – Samsung Galaxy S4

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Mon Aug 4 14:17:23 EDT 2014										
Device:	GalaxyS4										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:17:23 EDT 2014 Acquisition finished: Tue Aug 5 07:28:43 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

80 1.2.30 MDT-07 – Samsung Galaxy S4

Test Case MDT-07 XRY/XACT v6.10.1	
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:21:18 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:21:18 EDT 2014 Acquisition finished: Tue Aug 5 07:31:12 EDT 2014 UICC connectivity was established via supported interface

Test Case MDT-07 XRY/XACT v6.10.1					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

81

82 **1.2.31 MDT-08 – Samsung Galaxy S4**

Test Case MDT-08 XRY/XACT v6.10.1					
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:21:46 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:21:46 EDT 2014 Acquisition finished: Tue Aug 5 07:31:22 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

83

84 **1.2.32 MDT-09 – Samsung Galaxy S4**

Test Case MDT-09 XRY/XACT v6.10.1					
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:22:09 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:22:09 EDT 2014 Acquisition finished: Tue Aug 5 07:31:35 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				

Test Case MDT-09 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

85

86 **1.2.33 MDT-10 – Samsung Galaxy S4**

Test Case MDT-10 XRY/XACT v6.10.1					
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).				
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:22:46 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:22:46 EDT 2014 Acquisition finished: Tue Aug 5 07:31:51 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected				
Analysis:	Expected results achieved				

87

88 **1.2.34 MDT-11 – Samsung Galaxy S4**

Test Case MDT-11 XRY/XACT v6.10.1	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:23:19 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB

Test Case MDT-11 XRY/XACT v6.10.1									
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:23:19 EDT 2014 Acquisition finished: Tue Aug 5 07:32:12 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected	MDT-AO-06 Select-all UICC data objects acquisition.	NA	MDT-AO-07 Select-individual UICC data objects acquisition.	NA
Assertion & Expected Result	Actual Result								
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected								
MDT-AO-06 Select-all UICC data objects acquisition.	NA								
MDT-AO-07 Select-individual UICC data objects acquisition.	NA								
Analysis:	Expected results achieved								

89

90 1.2.35 MDT-12 – Samsung Galaxy S4

Test Case MDT-12 XRY/XACT v6.10.1					
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:17:48 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:17:48 EDT 2014 Acquisition finished: Tue Aug 5 07:28:58 EDT 2014 Notification of modified device memory data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

91

92 1.2.36 MDT-13 – Samsung Galaxy S4

Test Case MDT-13 XRY/XACT v6.10.1	
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:23:42 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB

Test Case MDT-13 XRY/XACT v6.10.1					
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:23:42 EDT 2014 Acquisition finished: Tue Aug 5 07:32:23 EDT 2014</p> <p>Notification of modified SIM data was not successful</p> <p>Notes: Case file data can be modified and re-opened without warning.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

93

94 **1.2.37 MDT-14 – Samsung Galaxy S4**

Test Case MDT-14 XRY/XACT v6.10.1					
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.				
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:24:08 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:24:08 EDT 2014 Acquisition finished: Tue Aug 5 07:32:59 EDT 2014</p> <p>Ability to enter PIN on protected media before acquisition was successful</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

95

96 **1.2.38 MDT-15 – Samsung Galaxy S4**

Test Case MDT-15 XRY/XACT v6.10.1	
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:24:42 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:24:42 EDT 2014 Acquisition finished: Tue Aug 5 07:33:19 EDT 2014</p>

Test Case MDT-15 XRY/XACT v6.10.1					
	The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

97

98 **1.2.39 MDT-16 – Samsung Galaxy S4**

Test Case MDT-16 XRY/XACT v6.10.1					
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.				
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:25:12 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:25:12 EDT 2014 Acquisition finished: Tue Aug 5 07:33:33 EDT 2014 Remaining number of PUK attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

99

100 **1.2.40 MDT-17 – Samsung Galaxy S4**

Test Case MDT-17 XRY/XACT v6.10.1	
Case Summary:	MDT-17 Perform a physical acquisition and review data output for readability.
Assertions:	MDT-AO-12 If the mobile device forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:18:27 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:18:27 EDT 2014 Acquisition finished: Tue Aug 5 07:29:29 EDT 2014

Test Case MDT-17 XRY/XACT v6.10.1					
	Physical Acquisition: readability and completeness was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-12 Physical acquisition, data is presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-12 Physical acquisition, data is presented in a useable format.	as expected
	Assertion & Expected Result	Actual Result			
MDT-AO-12 Physical acquisition, data is presented in a useable format.	as expected				
Analysis:	Expected results achieved				

101

102 1.2.41 MDT-18 – Samsung Galaxy S4

Test Case MDT-18 XRY/XACT v6.10.1					
Case Summary:	MDT-18 Perform a physical acquisition and review reports for recoverable deleted data.				
Assertions:	MDT-AO-12 If the mobile device forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:19:01 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:19:01 EDT 2014 Acquisition finished: Tue Aug 5 07:29:43 EDT 2014</p> <p>Deleted address book entries were recovered Deleted PIM data was recovered Deleted Call log data was recovered Deleted text message data was recovered Deleted audio data was not recovered Deleted graphic data was not recovered Deleted video data was not recovered</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-12 Physical acquisition, data is presented in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-12 Physical acquisition, data is presented in a useable format.	Not as expected
	Assertion & Expected Result	Actual Result			
MDT-AO-12 Physical acquisition, data is presented in a useable format.	Not as expected				
Analysis:	Partial results achieved				

103

104 1.2.42 MDT-19 – Samsung Galaxy S4

Test Case MDT-19 XRY/XACT v6.10.1	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:19:25 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:19:25 EDT 2014</p>

Test Case MDT-19 XRY/XACT v6.10.1					
	Acquisition finished: Tue Aug 5 07:30:28 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

105

106 1.2.43 MDT-20 – Samsung Galaxy S4

Test Case MDT-20 XRY/XACT v6.10.1					
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.				
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:25:45 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:25:45 EDT 2014 Acquisition finished: Tue Aug 5 07:33:46 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

107

108 1.2.44 MDT-22 – Samsung Galaxy S4

Test Case MDT-22 XRY/XACT v6.10.1	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:19:54 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:19:54 EDT 2014 Acquisition finished: Tue Aug 5 07:30:47 EDT 2014

Test Case MDT-22 XRY/XACT v6.10.1					
	Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected				
Analysis:	Expected results achieved				

109

110 1.2.45 MDT-23 – Samsung Galaxy S4

Test Case MDT-23 XRY/XACT v6.10.1					
Case Summary:	MDT-23 Acquire UICC memory and review hash values for vendor supported data objects.				
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Aug 4 14:26:24 EDT 2014				
Device:	GalaxyS4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:26:24 EDT 2014 Acquisition finished: Tue Aug 5 07:33:59 EDT 2014 Hash values were properly reported for individually acquired SIM data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected				
Analysis:	Expected results achieved				

111

112 1.2.46 MDT-24 – Samsung Galaxy S4

Test Case MDT-24 XRY/XACT v6.10.1	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Aug 4 14:20:35 EDT 2014
Device:	GalaxyS4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Aug 4 14:20:35 EDT 2014 Acquisition finished: Tue Aug 5 07:30:57 EDT 2014 GPS Coordinate data was successfully acquired

Test Case MDT-24 XRY/XACT v6.10.1		
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

113

114 1.2.47 MDT-01 – Samsung Galaxy S5

Test Case MDT-01 XRY/XACT v6.10.1		
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Wed Jul 23 12:59:16 EDT 2014	
Device:	Galaxy_S5	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 12:59:16 EDT 2014 Acquisition finished: Wed Jul 23 13:26:04 EDT 2014 Device connectivity was established via supported interface	
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

115

116 1.2.48 MDT-02 – Samsung Galaxy S5

Test Case MDT-02 XRY/XACT v6.10.1		
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Wed Jul 23 12:59:50 EDT 2014	
Device:	Galaxy_S5	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 12:59:50 EDT 2014 Acquisition finished: Wed Jul 23 13:27:11 EDT 2014 Device acquisition disruption notification was successful	
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected

Test Case MDT-02 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

117

118 **1.2.49 MDT-03 – Samsung Galaxy S5**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:00:10 EDT 2014				
Device:	Galaxy S5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:00:10 EDT 2014 Acquisition finished: Wed Jul 23 13:27:40 EDT 2014 Readability and completeness of acquired data was not successful Notes: Graphic files associated with contact entries are not present in the generated report. Chinese contacts are not displayed in their native format in the pdf report but are for the html report.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected				
Analysis:	Partial results achieved				

119

120 **1.2.50 MDT-04 – Samsung Galaxy S5**

Test Case MDT-04 XRY/XACT v6.10.1	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Jul 23 13:00:33 EDT 2014
Device:	Galaxy S5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:00:33 EDT 2014 Acquisition finished: Wed Jul 23 13:28:14 EDT 2014 IMEI, MEID/ESN were acquired Notes:

Test Case MDT-04 XRY/XACT v6.10.1					
	The MSISDN was not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Partial results achieved				

121

122 **1.2.51 MDT-05 – Samsung Galaxy S5**

Test Case MDT-05 XRY/XACT v6.10.1					
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).				
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:02:12 EDT 2014				
Device:	Galaxy_S5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:02:12 EDT 2014 Acquisition finished: Wed Jul 23 13:28:51 EDT 2014</p> <p>All address book entries were successfully acquired Partial PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired</p> <p>Notes: Memo data was not acquired. Documents were not acquired.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected				
Analysis:	Partial results achieved				

123

124

125

1.2.52 MDT-06 – Samsung Galaxy S5

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Wed Jul 23 13:02:55 EDT 2014										
Device:	Galaxy S5										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:02:55 EDT 2014 Acquisition finished: Wed Jul 23 13:30:21 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

126

127 1.2.53 MDT-12 – Samsung Galaxy S5

Test Case MDT-12 XRY/XACT v6.10.1	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Jul 23 13:03:21 EDT 2014
Device:	Galaxy S5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:03:21 EDT 2014 Acquisition finished: Wed Jul 23 13:31:06 EDT 2014 Notification of modified device memory data was not successful

Test Case MDT-12 XRY/XACT v6.10.1					
	Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

128

129 **1.2.54 MDT-19 – Samsung Galaxy S5**

Test Case MDT-19 XRY/XACT v6.10.1					
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.				
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:03:43 EDT 2014				
Device:	Galaxy S5				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:03:43 EDT 2014 Acquisition finished: Wed Jul 23 13:32:11 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

130

131 **1.2.55 MDT-22 – Samsung Galaxy S5**

Test Case MDT-22 XRY/XACT v6.10.1	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Jul 23 13:04:11 EDT 2014
Device:	Galaxy S5
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:04:11 EDT 2014 Acquisition finished: Wed Jul 23 13:32:33 EDT 2014 Hash values were properly reported for individually acquired device data elements
Results:	

Test Case MDT-22 XRY/XACT v6.10.1		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

132

133 **1.2.56 MDT-24 – Samsung Galaxy S5**

Test Case MDT-24 XRY/XACT v6.10.1		
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Wed Jul 23 13:04:32 EDT 2014	
Device:	Galaxy S5	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:04:32 EDT 2014 Acquisition finished: Wed Jul 23 13:33:14 EDT 2014 GPS Coordinate data was successfully acquired	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

134

135 **1.2.57 MDT-01 – HTC One GSM**

Test Case MDT-01 XRY/XACT v6.10.1		
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Wed Aug 6 07:54:38 EDT 2014	
Device:	HTCOneGSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:54:38 EDT 2014 Acquisition finished: Wed Aug 6 09:52:41 EDT 2014 Device connectivity was established via supported interface	
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected

Test Case MDT-01 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

136

137 **1.2.58 MDT-02 – HTC One GSM**

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Aug 6 07:55:03 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:55:03 EDT 2014 Acquisition finished: Wed Aug 6 09:53:07 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

138

139 **1.2.59 MDT-03 – HTC One GSM**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Aug 6 07:55:25 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:55:25 EDT 2014 Acquisition finished: Wed Aug 6 09:53:50 EDT 2014 Readability and completeness of acquired data was not successful Notes: Graphic files associated with contact entries are not present in the generated html report. Note: they are for the pdf report. Chinese contacts are not displayed in their native format in the pdf report but are for the html report.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result				

Test Case MDT-03 XRY/XACT v6.10.1		
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected
Analysis:	Expected results Not achieved	

140

141 **1.2.60 MDT-04 – HTC One GSM**

Test Case MDT-04 XRY/XACT v6.10.1						
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).					
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Aug 6 07:55:51 EDT 2014					
Device:	HTCOneGSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:55:51 EDT 2014 Acquisition finished: Wed Aug 6 09:54:27 EDT 2014</p> <p>IMEI was acquired</p> <p>Notes: The MSISDN was not reported.</p>					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result					
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected					
Analysis:	Partial results achieved					

142

143 **1.2.61 MDT-05 – HTC One GSM**

Test Case MDT-05 XRY/XACT v6.10.1		
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).	
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Wed Aug 6 07:56:18 EDT 2014	
Device:	HTCOneGSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:56:18 EDT 2014 Acquisition finished: Wed Aug 6 09:55:15 EDT 2014</p> <p>All address book entries were successfully acquired Partial PIM related data was acquired</p>	

Test Case MDT-05 XRY/XACT v6.10.1					
	<p>All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired</p> <p>Notes: Memo data was not acquired. Documents were not acquired.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected				
Analysis:	Partial results achieved				

144

145 **1.2.62 MDT-06 – HTC One GSM**

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	<p>MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Wed Aug 6 07:56:43 EDT 2014										
Device:	HTCOneGSM										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:56:43 EDT 2014 Acquisition finished: Wed Aug 6 09:56:12 EDT 2014</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										

Test Case MDT-06 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

146

147 **1.2.63 MDT-07 – HTC One GSM**

Test Case MDT-07 XRY/XACT v6.10.1					
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).				
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Aug 6 07:58:53 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:58:53 EDT 2014 Acquisition finished: Wed Aug 6 08:00:53 EDT 2014 UICC connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

148

149 **1.2.64 MDT-08 – HTC One GSM**

Test Case MDT-08 XRY/XACT v6.10.1					
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Aug 5 07:52:50 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:52:50 EDT 2014 Acquisition finished: Wed Aug 6 08:01:14 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

150

151 **1.2.65 MDT-09 – HTC One GSM**

Test Case MDT-09 XRY/XACT v6.10.1					
Case Summary:	MDT-09 Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Aug 5 07:53:12 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:53:12 EDT 2014 Acquisition finished: Wed Aug 6 08:01:47 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

152

153 **1.2.66 MDT-10 – HTC One GSM**

Test Case MDT-10 XRY/XACT v6.10.1					
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).				
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Aug 5 07:53:33 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:53:33 EDT 2014 Acquisition finished: Wed Aug 6 08:01:58 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected				

Test Case MDT-10 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

154

155 **1.2.67 MDT-11 – HTC One GSM**

Test Case MDT-11 XRY/XACT v6.10.1									
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.								
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.								
Tester Name:	rpa								
Test Host:	p644381								
Test Date:	Tue Aug 5 07:53:56 EDT 2014								
Device:	HTCOneGSM								
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB								
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:53:56 EDT 2014 Acquisition finished: Wed Aug 6 08:02:34 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected	MDT-AO-06 Select-all UICC data objects acquisition.	NA	MDT-AO-07 Select-individual UICC data objects acquisition.	NA
Assertion & Expected Result	Actual Result								
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected								
MDT-AO-06 Select-all UICC data objects acquisition.	NA								
MDT-AO-07 Select-individual UICC data objects acquisition.	NA								
Analysis:	Expected results achieved								

156

157 **1.2.68 MDT-12 – HTC One GSM**

Test Case MDT-12 XRY/XACT v6.10.1	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Aug 6 07:57:09 EDT 2014
Device:	HTCOneGSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:57:09 EDT 2014 Acquisition finished: Wed Aug 6 09:56:24 EDT 2014 Notification of modified device memory data was not successful Notes:

Test Case MDT-12 XRY/XACT v6.10.1					
	Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

158

159 **1.2.69 MDT-13 – HTC One GSM**

Test Case MDT-13 XRY/XACT v6.10.1					
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Aug 5 07:54:19 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:54:19 EDT 2014 Acquisition finished: Wed Aug 6 08:02:48 EDT 2014 Notification of modified SIM data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

160

161 **1.2.70 MDT-14 – HTC One GSM**

Test Case MDT-14 XRY/XACT v6.10.1					
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.				
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Aug 5 07:54:42 EDT 2014				
Device:	HTCOneGSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:54:42 EDT 2014 Acquisition finished: Wed Aug 6 08:03:35 EDT 2014 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result				

Test Case MDT-14 XRY/XACT v6.10.1		
	MDT-AO-09 Acquisition of password protected UICC.	as expected
Analysis:	Expected results achieved	

162

163 **1.2.71 MDT-15 – HTC One GSM**

Test Case MDT-15 XRY/XACT v6.10.1						
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.					
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Aug 5 07:55:03 EDT 2014					
Device:	HTCOneGSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:55:03 EDT 2014 Acquisition finished: Wed Aug 6 08:03:46 EDT 2014 The remaining number of PIN attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected					
Analysis:	Expected results achieved					

164

165 **1.2.72 MDT-16 – HTC One GSM**

Test Case MDT-16 XRY/XACT v6.10.1						
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.					
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Aug 5 07:55:26 EDT 2014					
Device:	HTCOneGSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:55:26 EDT 2014 Acquisition finished: Wed Aug 6 08:03:59 EDT 2014 Remaining number of PUK attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-16 XRY/XACT v6.10.1		
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Analysis:	Expected results achieved	

166

167 **1.2.73 MDT-19 – HTC One GSM**

Test Case MDT-19 XRY/XACT v6.10.1						
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.					
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Aug 6 07:57:38 EDT 2014					
Device:	HTCOneGSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:57:38 EDT 2014 Acquisition finished: Wed Aug 6 09:56:54 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected					
Analysis:	Expected results achieved					

168

169 **1.2.74 MDT-20 – HTC One GSM**

Test Case MDT-20 XRY/XACT v6.10.1						
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.					
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Aug 5 07:55:52 EDT 2014					
Device:	HTCOneGSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:55:52 EDT 2014 Acquisition finished: Wed Aug 6 08:04:18 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-20 XRY/XACT v6.10.1		
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

170

171 **1.2.75 MDT-22 – HTC One GSM**

Test Case MDT-22 XRY/XACT v6.10.1						
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.					
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Aug 6 07:58:08 EDT 2014					
Device:	HTCOneGSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:58:08 EDT 2014 Acquisition finished: Wed Aug 6 09:57:06 EDT 2014 Hash values were properly reported for individually acquired device data elements					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected					
Analysis:	Expected results achieved					

172

173 **1.2.76 MDT-23 – HTC One GSM**

Test Case MDT-23 XRY/XACT v6.10.1						
Case Summary:	MDT-23 Acquire UICC memory and review hash values for vendor supported data objects.					
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Aug 5 07:56:12 EDT 2014					
Device:	HTCOneGSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Aug 5 07:56:12 EDT 2014 Acquisition finished: Wed Aug 6 08:04:29 EDT 2014 Hash values were properly reported for individually acquired SIM data elements					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-23 XRY/XACT v6.10.1		
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

174

175 **1.2.77 MDT-24 – HTC One GSM**

Test Case MDT-24 XRY/XACT v6.10.1						
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates					
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Aug 6 07:58:30 EDT 2014					
Device:	HTCOneGSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Aug 6 07:58:30 EDT 2014 Acquisition finished: Wed Aug 6 09:57:18 EDT 2014 GPS Coordinate data was successfully acquired					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected					
Analysis:	Expected results achieved					

176

177 **1.2.78 MDT-01 – HTC One CDMA**

Test Case MDT-01 XRY/XACT v6.10.1						
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).					
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Jul 23 10:28:25 EDT 2014					
Device:	HTCOneCDMA					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:28:25 EDT 2014 Acquisition finished: Wed Jul 23 12:49:18 EDT 2014 Device connectivity was established via supported interface					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-01 Device connectivity via supported interfaces.	as expected					
Analysis:	Expected results achieved					

178 **1.2.79 MDT-02 – HTC One CDMA**

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:29:34 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:29:34 EDT 2014 Acquisition finished: Wed Jul 23 12:49:36 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

179

180 **1.2.80 MDT-03 – HTC One CDMA**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:31:16 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:31:16 EDT 2014 Acquisition finished: Wed Jul 23 12:49:48 EDT 2014 Readability and completeness of acquired data was not successful Notes: Graphic files associated with contact entries are not present in the generated report. Chinese contacts are not displayed in their native format in the pdf report but are for the html report.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected				
Analysis:	Partial results achieved				

181 **1.2.81 MDT-04 – HTC One CDMA**

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:32:26 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:32:26 EDT 2014 Acquisition finished: Wed Jul 23 12:50:02 EDT 2014 IMEI, MEID/ESN were acquired Notes: The MSISDN was not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Partial results achieved				

182

183 **1.2.82 MDT-05 – HTC One CDMA**

Test Case MDT-05 XRY/XACT v6.10.1	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Jul 23 10:32:55 EDT 2014
Device:	HTCOneCDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:32:55 EDT 2014 Acquisition finished: Wed Jul 23 12:50:26 EDT 2014 All address book entries were successfully acquired Partial PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired

Test Case MDT-05 XRY/XACT v6.10.1					
	<p>All application data was acquired All Internet related data was acquired All Social media related data was acquired</p> <p>Notes: Memo data was not acquired. Documents were not acquired.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected				
Analysis:	Partial results achieved				

184

185 **1.2.83 MDT-06 – HTC One CDMA**

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	<p>MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p> <p>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Wed Jul 23 10:34:53 EDT 2014										
Device:	HTCOneCDMA										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:34:53 EDT 2014 Acquisition finished: Wed Jul 23 12:52:26 EDT 2014</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

186

187

188

1.2.84 MDT-12 – HTC One CDMA

Test Case MDT-12 XRY/XACT v6.10.1					
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:35:29 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:35:29 EDT 2014 Acquisition finished: Wed Jul 23 12:52:43 EDT 2014 Notification of modified device memory data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

189

190

1.2.85 MDT-19 – HTC One CDMA

Test Case MDT-19 XRY/XACT v6.10.1					
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.				
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:36:16 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:36:16 EDT 2014 Acquisition finished: Wed Jul 23 12:54:17 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

191

192 **1.2.86 MDT-22 – HTC One CDMA**

Test Case MDT-22 XRY/XACT v6.10.1					
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.				
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:36:42 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:36:42 EDT 2014 Acquisition finished: Wed Jul 23 12:54:28 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected				
Analysis:	Expected results achieved				

193

194 **1.2.87 MDT-24 – HTC One CDMA**

Test Case MDT-24 XRY/XACT v6.10.1					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:37:18 EDT 2014				
Device:	HTCOneCDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:37:18 EDT 2014 Acquisition finished: Wed Jul 23 12:54:38 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

195

196

197

1.2.88 MDT-01 – Samsung Galaxy Note3

Test Case MDT-01 XRY/XACT v6.10.1					
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).				
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 30 14:33:07 EDT 2014				
Device:	Galaxy Note3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:33:07 EDT 2014 Acquisition finished: Wed Jul 30 14:45:02 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

198

199

1.2.89 MDT-02 – Samsung Galaxy Note3

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 30 14:33:38 EDT 2014				
Device:	Galaxy Note3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:33:38 EDT 2014 Acquisition finished: Wed Jul 30 14:45:19 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

200

201

202

203

204

205

1.2.90 MDT-03 – Samsung Galaxy Note3

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 30 14:34:47 EDT 2014				
Device:	Galaxy_Note3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:34:47 EDT 2014 Acquisition finished: Wed Jul 30 14:45:45 EDT 2014</p> <p>Readability and completeness of acquired data was not successful</p> <p>Notes: Graphic files associated with contact entries are not present in the generated report.</p> <p>Chinese contacts are not displayed in their native format in the pdf report but are for the html report.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected				
Analysis:	Partial results achieved				

206

207

1.2.91 MDT-04 – Samsung Galaxy Note3

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 30 14:36:02 EDT 2014				
Device:	Galaxy Note3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:36:02 EDT 2014 Acquisition finished: Wed Jul 30 14:48:08 EDT 2014</p> <p>IMEI, MEID/ESN were acquired</p> <p>Notes: The MSISDN was not reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result				

Test Case MDT-04 XRY/XACT v6.10.1		
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Analysis:	Partial results achieved	

208

209 **1.2.92 MDT-05 – Samsung Galaxy Note3**

Test Case MDT-05 XRY/XACT v6.10.1						
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).					
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Jul 30 14:37:38 EDT 2014					
Device:	Galaxy_Note3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:37:38 EDT 2014 Acquisition finished: Wed Jul 30 14:50:32 EDT 2014</p> <p>Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired Partial PIM related data was acquired Incoming Calls were acquired Outgoing Calls were acquired Missed Calls were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported Partial MMS messages were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Internet related data was acquired All Social media related data was acquired</p> <p>Notes: Memo data was not acquired. Documents were not acquired. Bookmarks for visited Internet sites were not reported. Incoming and Outgoing audio and picture messages were not reported.</p>					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Assertion & Expected Result	Actual Result					
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected					
Analysis:	Partial results achieved					

210

211

1.2.93 MDT-06 – Samsung Galaxy Note3

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Wed Jul 30 14:38:09 EDT 2014										
Device:	Galaxy Note3										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:38:09 EDT 2014 Acquisition finished: Wed Jul 30 14:48:33 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

212

213

1.2.94 MDT-12 – Samsung Galaxy Note3

Test Case MDT-12 XRY/XACT v6.10.1	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Jul 30 14:38:40 EDT 2014
Device:	Galaxy Note3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:38:40 EDT 2014 Acquisition finished: Wed Jul 30 14:48:51 EDT 2014 Notification of modified device memory data was not successful Notes:

Test Case MDT-12 XRY/XACT v6.10.1					
	Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

214

215 1.2.95 MDT-19 – Samsung Galaxy Note3

Test Case MDT-19 XRY/XACT v6.10.1					
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.				
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 30 14:39:05 EDT 2014				
Device:	Galaxy Note3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:39:05 EDT 2014 Acquisition finished: Wed Jul 30 14:49:40 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

216

217 1.2.96 MDT-22 – Samsung Galaxy Note3

Test Case MDT-22 XRY/XACT v6.10.1	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Jul 30 14:39:29 EDT 2014
Device:	Galaxy Note3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:39:29 EDT 2014 Acquisition finished: Wed Jul 30 14:49:58 EDT 2014 Hash values were properly reported for individually acquired device data elements
Results:	

Test Case MDT-22 XRY/XACT v6.10.1		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

218

219 **1.2.97 MDT-24 – Samsung Galaxy Note3**

Test Case MDT-24 XRY/XACT v6.10.1		
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Wed Jul 30 14:39:56 EDT 2014	
Device:	Galaxy Note3	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 30 14:39:56 EDT 2014 Acquisition finished: Wed Jul 30 14:50:12 EDT 2014 GPS Coordinate data was successfully acquired	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

220

221 **1.2.98 MDT-01 – Nexus4**

Test Case MDT-01 XRY/XACT v6.10.1		
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Jul 31 06:35:47 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:35:47 EDT 2014 Acquisition finished: Thu Jul 31 06:53:30 EDT 2014 Device connectivity was established via supported interface	
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected

Test Case MDT-01 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

222

223 **1.2.99 MDT-02 – Nexus4**

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 31 06:36:10 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:36:10 EDT 2014 Acquisition finished: Thu Jul 31 06:53:46 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

224

225 **1.2.100 MDT-03 – Nexus4**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 31 06:36:30 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:36:30 EDT 2014 Acquisition finished: Thu Jul 31 06:54:18 EDT 2014 Readability and completeness of acquired data was not successful Notes: Graphic files associated with contact entries are not present in the generated report. Chinese contacts are not displayed in their native format in the pdf report but are for the html report.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result				

Test Case MDT-03 XRY/XACT v6.10.1		
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	Not as expected
Analysis:	Partial results achieved	

226

227 **1.2.101 MDT-04 – Nexus4**

Test Case MDT-04 XRY/XACT v6.10.1						
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).					
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Thu Jul 31 06:36:54 EDT 2014					
Device:	Nexus4					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:36:54 EDT 2014 Acquisition finished: Thu Jul 31 06:54:57 EDT 2014</p> <p>Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired</p> <p>Notes: The MSISDN was not reported.</p>					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected	
Assertion & Expected Result	Actual Result					
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected					
Analysis:	Partial results achieved					

228

229 **1.2.102 MDT-05 – Nexus4**

Test Case MDT-05 XRY/XACT v6.10.1		
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).	
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Jul 31 06:37:12 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:37:12 EDT 2014 Acquisition finished: Thu Jul 31 06:55:25 EDT 2014</p> <p>All address book entries were successfully acquired Partial PIM related data was acquired</p>	

Test Case MDT-05 XRY/XACT v6.10.1					
	<p>All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired Audio files were not acquired Image files were not acquired Video files were not acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired</p> <p>Notes: Memo data was not acquired. Documents were not acquired. Stand-alone files (i.e., audio, video, graphic) were not reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected				
Analysis:	Partial results achieved				

230

231 **1.2.103 MDT-06 – Nexus4**

Test Case MDT-06 XRY/XACT v6.10.1									
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.								
Assertions:	<p>MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>								
Tester Name:	rpa								
Test Host:	p644381								
Test Date:	Thu Jul 31 06:37:31 EDT 2014								
Device:	Nexus4								
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable								
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:37:31 EDT 2014 Acquisition finished: Thu Jul 31 06:58:09 EDT 2014</p> <p>Acquire All acquisition was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects	NA
Assertion & Expected Result	Actual Result								
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected								
MDT-CA-07 Select-all mobile device data objects acquisition.	NA								
MDT-CA-08 Select-individual mobile device data objects	NA								

Test Case MDT-06 XRY/XACT v6.10.1		
	acquisition.	
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

232

233 **1.2.104 MDT-07 – Nexus4**

Test Case MDT-07 XRY/XACT v6.10.1						
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).					
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Thu Jul 31 06:39:30 EDT 2014					
Device:	Nexus4					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:39:30 EDT 2014 Acquisition finished: Thu Jul 31 07:00:19 EDT 2014 UICC connectivity was established via supported interface					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-01 UICC connectivity via supported interfaces.	as expected					
Analysis:	Expected results achieved					

234

235 **1.2.105 MDT-08 – Nexus4**

Test Case MDT-08 XRY/XACT v6.10.1						
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.					
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Thu Jul 31 06:39:48 EDT 2014					
Device:	Nexus4					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:39:48 EDT 2014 Acquisition finished: Thu Jul 31 07:00:29 EDT 2014 Media acquisition disruption notification was successful					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-02 Notification of SIM acquisition disruption.	as expected					

Test Case MDT-08 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

236

237 **1.2.106 MDT-09 – Nexus4**

Test Case MDT-09 XRY/XACT v6.10.1					
Case Summary:	MDT-09 Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 31 06:40:07 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:40:07 EDT 2014 Acquisition finished: Thu Jul 31 07:00:45 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

238

239 **1.2.107 MDT-10 – Nexus4**

Test Case MDT-10 XRY/XACT v6.10.1	
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Thu Jul 31 06:40:25 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:40:25 EDT 2014 Acquisition finished: Thu Jul 31 07:01:01 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired

Test Case MDT-10 XRY/XACT v6.10.1		
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Analysis:	Expected results achieved	

240

241 **1.2.108 MDT-11 – Nexus4**

Test Case MDT-11 XRY/XACT v6.10.1		
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.	
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Jul 31 06:40:48 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:40:48 EDT 2014 Acquisition finished: Thu Jul 31 07:01:25 EDT 2014 Acquire All acquisition was successful	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected
	MDT-AO-06 Select-all UICC data objects acquisition.	NA
	MDT-AO-07 Select-individual UICC data objects acquisition.	NA
Analysis:	Expected results achieved	

242

243 **1.2.109 MDT-12 – Nexus4**

Test Case MDT-12 XRY/XACT v6.10.1		
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Jul 31 06:37:59 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:37:59 EDT 2014	

Test Case MDT-12 XRY/XACT v6.10.1					
	Acquisition finished: Thu Jul 31 06:58:38 EDT 2014 Notification of modified device memory data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

244

245 **1.2.110 MDT-13 – Nexus4**

Test Case MDT-13 XRY/XACT v6.10.1					
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 31 06:41:06 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:41:06 EDT 2014 Acquisition finished: Thu Jul 31 07:01:38 EDT 2014 Notification of modified SIM data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

246

247 **1.2.111 MDT-14 – Nexus4**

Test Case MDT-14 XRY/XACT v6.10.1	
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Thu Jul 31 06:41:28 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:41:28 EDT 2014 Acquisition finished: Thu Jul 31 07:02:57 EDT 2014

Test Case MDT-14 XRY/XACT v6.10.1					
	Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

248

249 **1.2.112 MDT-15 – Nexus4**

Test Case MDT-15 XRY/XACT v6.10.1					
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.				
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 31 06:41:52 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:41:52 EDT 2014 Acquisition finished: Thu Jul 31 07:03:16 EDT 2014 The remaining number of PIN attempts were properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

250

251 **1.2.113 MDT-16 – Nexus4**

Test Case MDT-16 XRY/XACT v6.10.1	
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Thu Jul 31 06:42:11 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:42:11 EDT 2014 Acquisition finished: Thu Jul 31 07:03:29 EDT 2014 Remaining number of PUK attempts were properly displayed

Test Case MDT-16 XRY/XACT v6.10.1					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected				
Analysis:	Expected results achieved				

252

253 **1.2.114 MDT-19 – Nexus4**

Test Case MDT-19 XRY/XACT v6.10.1					
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.				
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 31 06:38:17 EDT 2014				
Device:	Nexus4				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:38:17 EDT 2014 Acquisition finished: Thu Jul 31 06:59:22 EDT 2014</p> <p>Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

254

255 **1.2.115 MDT-20 – Nexus4**

Test Case MDT-20 XRY/XACT v6.10.1	
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Thu Jul 31 06:42:29 EDT 2014
Device:	Nexus4
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:42:29 EDT 2014 Acquisition finished: Thu Jul 31 07:03:43 EDT 2014</p> <p>Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed</p>
Results:	

Test Case MDT-20 XRY/XACT v6.10.1		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

256

257 **1.2.116 MDT-22 – Nexus4**

Test Case MDT-22 XRY/XACT v6.10.1		
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Jul 31 06:38:37 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:38:37 EDT 2014 Acquisition finished: Thu Jul 31 06:59:50 EDT 2014 Hash values were properly reported for individually acquired device data elements	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

258

259 **1.2.117 MDT-23 – Nexus4**

Test Case MDT-23 XRY/XACT v6.10.1		
Case Summary:	MDT-23 Acquire UICC memory and review hash values for vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Jul 31 06:42:47 EDT 2014	
Device:	Nexus4	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:42:47 EDT 2014 Acquisition finished: Thu Jul 31 07:03:55 EDT 2014 Hash values were properly reported for individually acquired SIM data elements	
Results:		

Test Case MDT-23 XRY/XACT v6.10.1		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

260

261 **1.2.118 MDT-24 – Nexus4**

Test Case MDT-24 XRY/XACT v6.10.1						
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates					
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Thu Jul 31 06:39:07 EDT 2014					
Device:	Nexus4					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 31 06:39:07 EDT 2014 Acquisition finished: Thu Jul 31 07:00:02 EDT 2014 GPS Coordinate data was not successfully acquired					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	Not as expected	
Assertion & Expected Result	Actual Result					
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	Not as expected					
Analysis:	Expected results Not achieved					

262

263 **1.2.119 MDT-01 – iPhone5 GSM**

Test Case MDT-01 XRY/XACT v6.10.1						
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).					
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Mon Jul 14 07:24:09 EDT 2014					
Device:	iPhone5 GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 07:24:09 EDT 2014 Acquisition finished: Mon Jul 14 07:43:30 EDT 2014 Device connectivity was established via supported interface					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected	
Assertion & Expected Result	Actual Result					
MDT-CA-01 Device connectivity via supported interfaces.	as expected					

Test Case MDT-01 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

264

265 **1.2.120 MDT-02 – iPhone5 GSM**

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Jul 14 07:24:40 EDT 2014				
Device:	iPhone5_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 07:24:40 EDT 2014 Acquisition finished: Mon Jul 14 07:48:18 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

266

267 **1.2.121 MDT-03 – iPhone5 GSM**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Jul 14 07:26:26 EDT 2014				
Device:	iPhone5_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 07:26:26 EDT 2014 Acquisition finished: Mon Jul 14 07:48:46 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

1.2.122 MDT-04 – iPhone5 GSM

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Jul 14 07:27:36 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 07:27:36 EDT 2014 Acquisition finished: Mon Jul 14 07:49:07 EDT 2014 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

269

270

1.2.123 MDT-05 – iPhone5 GSM

Test Case MDT-05 XRY/XACT v6.10.1	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Jul 14 07:28:16 EDT 2014
Device:	iPhone5 GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 07:28:16 EDT 2014 Acquisition finished: Mon Jul 14 07:49:35 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired

Test Case MDT-05 XRY/XACT v6.10.1					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected				
Analysis:	Expected results achieved				

271

272 **1.2.124 MDT-06 – iPhone5 GSM**

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	<p>MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p> <p>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Mon Jul 14 07:32:44 EDT 2014										
Device:	iPhone5 GSM										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by XRY/XACT v6.10.1</p> <p>Acquisition started: Mon Jul 14 07:32:44 EDT 2014</p> <p>Acquisition finished: Mon Jul 14 07:57:04 EDT 2014</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

273

274

275

276

277

278

279

1.2.125 MDT-07 – iPhone5 GSM

Test Case MDT-07 XRY/XACT v6.10.1					
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).				
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Jul 14 08:02:19 EDT 2014				
Device:	iPhone5_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:02:19 EDT 2014 Acquisition finished: Mon Jul 14 08:18:03 EDT 2014 UICC connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

280

281

1.2.126 MDT-08 – iPhone5 GSM

Test Case MDT-08 XRY/XACT v6.10.1					
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Jul 14 08:02:45 EDT 2014				
Device:	iPhone5_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:02:45 EDT 2014 Acquisition finished: Mon Jul 14 08:18:44 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

282

283

284

285

1.2.127 MDT-09 – iPhone5 GSM

Test Case MDT-09 XRY/XACT v6.10.1					
Case Summary:	MDT-09 Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Jul 14 08:03:09 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:03:09 EDT 2014 Acquisition finished: Mon Jul 14 08:19:04 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

287

288

1.2.128 MDT-10 – iPhone5 GSM

Test Case MDT-10 XRY/XACT v6.10.1					
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).				
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Jul 14 08:03:32 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:03:32 EDT 2014 Acquisition finished: Mon Jul 14 08:19:31 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected				

Test Case MDT-10 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

289

290 **1.2.129 MDT-11 – iPhone5 GSM**

Test Case MDT-11 XRY/XACT v6.10.1									
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.								
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.								
Tester Name:	rpa								
Test Host:	p644381								
Test Date:	Mon Jul 14 08:03:57 EDT 2014								
Device:	iPhone5 GSM								
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB								
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:03:57 EDT 2014 Acquisition finished: Mon Jul 14 08:19:51 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected	MDT-AO-06 Select-all UICC data objects acquisition.	NA	MDT-AO-07 Select-individual UICC data objects acquisition.	NA
Assertion & Expected Result	Actual Result								
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected								
MDT-AO-06 Select-all UICC data objects acquisition.	NA								
MDT-AO-07 Select-individual UICC data objects acquisition.	NA								
Analysis:	Expected results achieved								

291

292 **1.2.130 MDT-12 – iPhone5 GSM**

Test Case MDT-12 XRY/XACT v6.10.1	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Mon Jul 14 07:33:25 EDT 2014
Device:	iPhone5 GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 07:33:25 EDT 2014 Acquisition finished: Mon Jul 14 07:57:46 EDT 2014 Notification of modified device memory data was not successful Notes:

Test Case MDT-12 XRY/XACT v6.10.1					
	Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

293

294 **1.2.131 MDT-13 – iPhone5 GSM**

Test Case MDT-13 XRY/XACT v6.10.1					
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Jul 14 08:04:24 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:04:24 EDT 2014 Acquisition finished: Mon Jul 14 08:20:11 EDT 2014</p> <p>Notification of modified SIM data was not successful</p> <p>Notes: Case file data can be modified and re-opened without warning.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

295

296 **1.2.132 MDT-14 – iPhone5 GSM**

Test Case MDT-14 XRY/XACT v6.10.1					
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.				
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Mon Jul 14 08:04:48 EDT 2014				
Device:	iPhone5 GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:04:48 EDT 2014 Acquisition finished: Mon Jul 14 08:25:42 EDT 2014</p> <p>Ability to enter PIN on protected media before acquisition was successful</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result				

Test Case MDT-14 XRY/XACT v6.10.1		
	MDT-AO-09 Acquisition of password protected UICC.	as expected
Analysis:	Expected results achieved	

297

298 **1.2.133 MDT-15 – iPhone5 GSM**

Test Case MDT-15 XRY/XACT v6.10.1						
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.					
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Mon Jul 14 08:05:12 EDT 2014					
Device:	iPhone5_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:05:12 EDT 2014 Acquisition finished: Mon Jul 14 08:26:02 EDT 2014 The remaining number of PIN attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected					
Analysis:	Expected results achieved					

299

300 **1.2.134 MDT-16 – iPhone5 GSM**

Test Case MDT-16 XRY/XACT v6.10.1						
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.					
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Mon Jul 14 08:05:44 EDT 2014					
Device:	iPhone5_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:05:44 EDT 2014 Acquisition finished: Mon Jul 14 08:26:19 EDT 2014 Remaining number of PUK attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-16 XRY/XACT v6.10.1		
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Analysis:	Expected results achieved	

301

302 **1.2.135 MDT-19 – iPhone5 GSM**

Test Case MDT-19 XRY/XACT v6.10.1						
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.					
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Mon Jul 14 07:33:51 EDT 2014					
Device:	iPhone5_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 07:33:51 EDT 2014 Acquisition finished: Mon Jul 14 07:59:21 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected					
Analysis:	Expected results achieved					

303

304 **1.2.136 MDT-20 – iPhone5 GSM**

Test Case MDT-20 XRY/XACT v6.10.1						
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.					
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Mon Jul 14 08:06:04 EDT 2014					
Device:	iPhone5_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:06:04 EDT 2014 Acquisition finished: Mon Jul 14 08:26:35 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-20 XRY/XACT v6.10.1		
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

305

306 **1.2.137 MDT-22 – iPhone5 GSM**

Test Case MDT-22 XRY/XACT v6.10.1						
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.					
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Mon Jul 14 07:34:18 EDT 2014					
Device:	iPhone5_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 07:34:18 EDT 2014 Acquisition finished: Mon Jul 14 07:59:35 EDT 2014 Hash values were properly reported for individually acquired device data elements					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected					
Analysis:	Expected results achieved					

307

308 **1.2.138 MDT-23 – iPhone5 GSM**

Test Case MDT-23 XRY/XACT v6.10.1						
Case Summary:	MDT-23 Acquire UICC memory and review hash values for vendor supported data objects.					
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Mon Jul 14 08:06:29 EDT 2014					
Device:	iPhone5_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 08:06:29 EDT 2014 Acquisition finished: Mon Jul 14 08:26:59 EDT 2014 Hash values were properly reported for individually acquired SIM data elements					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-23 XRY/XACT v6.10.1		
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

309

310 **1.2.139 MDT-24 – iPhone5 GSM**

Test Case MDT-24 XRY/XACT v6.10.1						
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates					
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Mon Jul 14 07:35:57 EDT 2014					
Device:	iPhone5_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Mon Jul 14 07:35:57 EDT 2014 Acquisition finished: Mon Jul 14 07:59:47 EDT 2014 GPS Coordinate data was successfully acquired					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected					
Analysis:	Expected results achieved					

311

312 **1.2.140 MDT-01 – iPhone5S CDMA**

Test Case MDT-01 XRY/XACT v6.10.1						
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).					
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Jul 23 10:20:36 EDT 2014					
Device:	iPhone5S					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:20:36 EDT 2014 Acquisition finished: Wed Jul 23 10:38:57 EDT 2014 Device connectivity was established via supported interface					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-01 Device connectivity via supported interfaces.	as expected					

Test Case MDT-01 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

313

314 **1.2.141 MDT-02 – iPhone5S CDMA**

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:21:07 EDT 2014				
Device:	iPhone5S				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:21:07 EDT 2014 Acquisition finished: Wed Jul 23 10:39:39 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

315

316 **1.2.142 MDT-03 – iPhone5S CDMA**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:21:33 EDT 2014				
Device:	iPhone5S				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:21:33 EDT 2014 Acquisition finished: Wed Jul 23 10:40:09 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

317

1.2.143 MDT-04 – iPhone5S CDMA

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:21:57 EDT 2014				
Device:	iPhone5S				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:21:57 EDT 2014 Acquisition finished: Wed Jul 23 10:41:53 EDT 2014 IMEI, MEID/ESN were acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

1.2.144 MDT-05 – iPhone5S CDMA

Test Case MDT-05 XRY/XACT v6.10.1	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Jul 23 10:23:12 EDT 2014
Device:	iPhone5s
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:23:12 EDT 2014 Acquisition finished: Wed Jul 23 10:58:47 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired

Test Case MDT-05 XRY/XACT v6.10.1					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected				
Analysis:	Expected results achieved				

321

322 1.2.145 MDT-06 – iPhone5S CDMA

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Wed Jul 23 10:25:21 EDT 2014										
Device:	iPhone5S										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:25:21 EDT 2014 Acquisition finished: Wed Jul 23 12:40:16 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

323

324 1.2.146 MDT-12 – iPhone5S CDMA

Test Case MDT-12 XRY/XACT v6.10.1	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.

Test Case MDT-12 XRY/XACT v6.10.1					
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:25:44 EDT 2014				
Device:	iPhone5S				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:25:44 EDT 2014 Acquisition finished: Wed Jul 23 12:41:00 EDT 2014 Notification of modified device memory data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

325

326 1.2.147 MDT-19 – iPhone5S CDMA

Test Case MDT-19 XRY/XACT v6.10.1					
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.				
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:26:11 EDT 2014				
Device:	iPhone5S				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:26:11 EDT 2014 Acquisition finished: Wed Jul 23 12:46:10 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

327

328 1.2.148 MDT-22 – iPhone5S CDMA

Test Case MDT-22 XRY/XACT v6.10.1	
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	p644381

Test Case MDT-22 XRY/XACT v6.10.1					
Test Date:	Wed Jul 23 10:26:36 EDT 2014				
Device:	iPhone5S				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:26:36 EDT 2014 Acquisition finished: Wed Jul 23 12:46:24 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected				
Analysis:	Expected results achieved				

329

330 1.2.149 MDT-24 – iPhone5S CDMA

Test Case MDT-24 XRY/XACT v6.10.1					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 10:26:56 EDT 2014				
Device:	iPhone5S				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 10:26:56 EDT 2014 Acquisition finished: Wed Jul 23 12:46:37 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

331

332 1.2.150 MDT-01 – iPad2 GSM

Test Case MDT-01 XRY/XACT v6.10.1	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
Tester Name:	rpa
Test Host:	p644381
Test Date:	Tue Jul 15 07:47:48 EDT 2014
Device:	iPad GSM

Test Case MDT-01 XRY/XACT v6.10.1					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:47:48 EDT 2014 Acquisition finished: Tue Jul 15 08:11:54 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

333

334 1.2.151 MDT-02 – iPad2 GSM

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:48:23 EDT 2014				
Device:	iPad_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:48:23 EDT 2014 Acquisition finished: Tue Jul 15 08:12:28 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

335

336 1.2.152 MDT-03 – iPad2 GSM

Test Case MDT-03 XRY/XACT v6.10.1	
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Tue Jul 15 07:48:51 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:48:51 EDT 2014 Acquisition finished: Tue Jul 15 08:12:43 EDT 2014

Test Case MDT-03 XRY/XACT v6.10.1					
	Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

337

338 **1.2.153 MDT-04 – iPad2 GSM**

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:49:19 EDT 2014				
Device:	iPad_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:49:19 EDT 2014 Acquisition finished: Tue Jul 15 08:13:02 EDT 2014 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

339

340 **1.2.154 MDT-05 – iPad2 GSM**

Test Case MDT-05 XRY/XACT v6.10.1	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Tue Jul 15 07:49:43 EDT 2014
Device:	iPad_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:49:43 EDT 2014 Acquisition finished: Tue Jul 15 08:13:29 EDT 2014

Test Case MDT-05 XRY/XACT v6.10.1					
	<p>All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected				
Analysis:	Expected results achieved				

341

342 **1.2.155 MDT-06 – iPad2 GSM**

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	<p>MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Tue Jul 15 07:50:05 EDT 2014										
Device:	iPad GSM										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:50:05 EDT 2014 Acquisition finished: Tue Jul 15 08:14:58 EDT 2014</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										

Test Case MDT-06 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

343

344 **1.2.156 MDT-07 – iPad2 GSM**

Test Case MDT-07 XRY/XACT v6.10.1					
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).				
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:52:32 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:52:32 EDT 2014 Acquisition finished: Tue Jul 15 08:15:13 EDT 2014 UICC connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

345

346 **1.2.157 MDT-08 – iPad2 GSM**

Test Case MDT-08 XRY/XACT v6.10.1					
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:52:54 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:52:54 EDT 2014 Acquisition finished: Tue Jul 15 08:18:26 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

347

348

1.2.158 MDT-09 – iPad2 GSM

Test Case MDT-09 XRY/XACT v6.10.1					
Case Summary:	MDT-09 Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:53:21 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:53:21 EDT 2014 Acquisition finished: Tue Jul 15 08:18:40 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

349

350

1.2.159 MDT-10 – iPad2 GSM

Test Case MDT-10 XRY/XACT v6.10.1					
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).				
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:53:45 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:53:45 EDT 2014 Acquisition finished: Tue Jul 15 08:18:58 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected				

Test Case MDT-10 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

351

352 **1.2.160 MDT-11 – iPad2 GSM**

Test Case MDT-11 XRY/XACT v6.10.1									
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.								
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.								
Tester Name:	rpa								
Test Host:	p644381								
Test Date:	Tue Jul 15 07:54:03 EDT 2014								
Device:	iPad GSM								
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable								
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:54:03 EDT 2014 Acquisition finished: Tue Jul 15 08:19:31 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected	MDT-AO-06 Select-all UICC data objects acquisition.	NA	MDT-AO-07 Select-individual UICC data objects acquisition.	NA
Assertion & Expected Result	Actual Result								
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected								
MDT-AO-06 Select-all UICC data objects acquisition.	NA								
MDT-AO-07 Select-individual UICC data objects acquisition.	NA								
Analysis:	Expected results achieved								

353

354 **1.2.161 MDT-12 – iPad2 GSM**

Test Case MDT-12 XRY/XACT v6.10.1	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Tue Jul 15 07:50:30 EDT 2014
Device:	iPad GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:50:30 EDT 2014 Acquisition finished: Tue Jul 15 08:15:52 EDT 2014 Notification of modified device memory data was not successful Notes:

Test Case MDT-12 XRY/XACT v6.10.1					
	Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

355

356 **1.2.162 MDT-13 – iPad2 GSM**

Test Case MDT-13 XRY/XACT v6.10.1					
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:54:29 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:54:29 EDT 2014 Acquisition finished: Tue Jul 15 08:19:57 EDT 2014</p> <p>Notification of modified SIM data was not successful</p> <p>Notes: Case file data can be modified and re-opened without warning.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

357

358 **1.2.163 MDT-14 – iPad2 GSM**

Test Case MDT-14 XRY/XACT v6.10.1					
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.				
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:54:55 EDT 2014				
Device:	iPad GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:54:55 EDT 2014 Acquisition finished: Tue Jul 15 08:20:50 EDT 2014</p> <p>Ability to enter PIN on protected media before acquisition was successful</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result				

Test Case MDT-14 XRY/XACT v6.10.1		
	MDT-AO-09 Acquisition of password protected UICC.	as expected
Analysis:	Expected results achieved	

359

360 **1.2.164 MDT-15 – iPad2 GSM**

Test Case MDT-15 XRY/XACT v6.10.1						
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.					
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Jul 15 07:55:19 EDT 2014					
Device:	iPad_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:55:19 EDT 2014 Acquisition finished: Tue Jul 15 08:21:03 EDT 2014 The remaining number of PIN attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected					
Analysis:	Expected results achieved					

361

362 **1.2.165 MDT-16 – iPad2 GSM**

Test Case MDT-16 XRY/XACT v6.10.1						
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.					
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Jul 15 07:55:50 EDT 2014					
Device:	iPad_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:55:50 EDT 2014 Acquisition finished: Tue Jul 15 08:21:18 EDT 2014 Remaining number of PUK attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-16 XRY/XACT v6.10.1		
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Analysis:	Expected results achieved	

363

364 **1.2.166 MDT-19 – iPad2 GSM**

Test Case MDT-19 XRY/XACT v6.10.1						
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.					
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Jul 15 07:50:53 EDT 2014					
Device:	iPad_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:50:53 EDT 2014 Acquisition finished: Tue Jul 15 08:17:39 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected					
Analysis:	Expected results achieved					

365

366 **1.2.167 MDT-20 – iPad2 GSM**

Test Case MDT-20 XRY/XACT v6.10.1						
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.					
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Jul 15 07:56:21 EDT 2014					
Device:	iPad_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:56:21 EDT 2014 Acquisition finished: Tue Jul 15 08:21:36 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-20 XRY/XACT v6.10.1		
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

367

368 **1.2.168 MDT-22 – iPad2 GSM**

Test Case MDT-22 XRY/XACT v6.10.1						
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.					
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Jul 15 07:51:17 EDT 2014					
Device:	iPad_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:51:17 EDT 2014 Acquisition finished: Tue Jul 15 08:17:53 EDT 2014 Hash values were properly reported for individually acquired device data elements					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected					
Analysis:	Expected results achieved					

369

370 **1.2.169 MDT-23 – iPad2 GSM**

Test Case MDT-23 XRY/XACT v6.10.1						
Case Summary:	MDT-23 Acquire UICC memory and review hash values for vendor supported data objects.					
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Jul 15 07:56:56 EDT 2014					
Device:	iPad_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:56:56 EDT 2014 Acquisition finished: Tue Jul 15 08:21:49 EDT 2014 Hash values were properly reported for individually acquired SIM data elements					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-23 XRY/XACT v6.10.1		
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

371

372 **1.2.170 MDT-24 – iPad2 GSM**

Test Case MDT-24 XRY/XACT v6.10.1						
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates					
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Jul 15 07:51:38 EDT 2014					
Device:	iPad_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:51:38 EDT 2014 Acquisition finished: Tue Jul 15 08:18:04 EDT 2014 GPS Coordinate data was successfully acquired					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected					
Analysis:	Expected results achieved					

373

374 **1.2.171 MDT-01 – iPad Air CDMA**

Test Case MDT-01 XRY/XACT v6.10.1						
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).					
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Fri Jul 18 12:31:34 EDT 2014					
Device:	iPad_CDMA					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Fri Jul 18 12:31:34 EDT 2014 Acquisition finished: Fri Jul 18 13:17:21 EDT 2014 Device connectivity was established via supported interface					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-01 Device connectivity via supported interfaces.	as expected					
Analysis:	Expected results achieved					

375 **1.2.172 MDT-02 – iPad Air CDMA**

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Jul 18 12:31:57 EDT 2014				
Device:	iPad_CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Fri Jul 18 12:31:57 EDT 2014 Acquisition finished: Fri Jul 18 13:18:05 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

376

377 **1.2.173 MDT-03 – iPad Air CDMA**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Jul 18 12:32:54 EDT 2014				
Device:	iPad_CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Fri Jul 18 12:32:54 EDT 2014 Acquisition finished: Fri Jul 18 13:18:23 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

378

379

380

381 **1.2.174 MDT-04 – iPad Air CDMA**

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Jul 18 12:33:15 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Fri Jul 18 12:33:15 EDT 2014 Acquisition finished: Fri Jul 18 13:18:41 EDT 2014 IMEI, MEID/ESN were not acquired Notes: MEID was not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Expected results Not achieved				

382

383 **1.2.175 MDT-05 – iPad Air CDMA**

Test Case MDT-05 XRY/XACT v6.10.1	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Fri Jul 18 12:33:33 EDT 2014
Device:	iPad CDMA
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Fri Jul 18 12:33:33 EDT 2014 Acquisition finished: Fri Jul 18 13:19:39 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired

Test Case MDT-05 XRY/XACT v6.10.1					
	All Social media related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected
	Assertion & Expected Result	Actual Result			
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected				
Analysis:	Expected results achieved				

384

385 **1.2.176 MDT-06 – iPad Air CDMA**

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	<p>MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p> <p>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Fri Jul 18 12:33:55 EDT 2014										
Device:	iPad CDMA										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by XRY/XACT v6.10.1</p> <p>Acquisition started: Fri Jul 18 12:33:55 EDT 2014</p> <p>Acquisition finished: Fri Jul 18 13:20:46 EDT 2014</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
	Assertion & Expected Result	Actual Result									
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected									
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA									
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA									
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

386

387

388

389

390

391 **1.2.177 MDT-12 – iPad Air CDMA**

Test Case MDT-12 XRY/XACT v6.10.1					
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Jul 18 12:34:16 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Fri Jul 18 12:34:16 EDT 2014 Acquisition finished: Fri Jul 18 13:22:03 EDT 2014 Notification of modified device memory data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

392

393 **1.2.178 MDT-19 – iPad Air CDMA**

Test Case MDT-19 XRY/XACT v6.10.1					
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.				
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Jul 18 12:34:40 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Fri Jul 18 12:34:40 EDT 2014 Acquisition finished: Fri Jul 18 13:22:45 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

394

395

396 **1.2.179 MDT-22 – iPad Air CDMA**

Test Case MDT-22 XRY/XACT v6.10.1					
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.				
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Jul 18 12:34:58 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Fri Jul 18 12:34:58 EDT 2014 Acquisition finished: Fri Jul 18 13:22:59 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected				
Analysis:	Expected results achieved				

397

398 **1.2.180 MDT-24 – iPad Air CDMA**

Test Case MDT-24 XRY/XACT v6.10.1					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Fri Jul 18 12:36:01 EDT 2014				
Device:	iPad CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Fri Jul 18 12:36:01 EDT 2014 Acquisition finished: Fri Jul 18 13:23:11 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

399

400

401 **1.2.181 MDT-01 – iPadMini Air GSM**

Test Case MDT-01 XRY/XACT v6.10.1					
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).				
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:58:35 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:58:35 EDT 2014 Acquisition finished: Tue Jul 15 08:23:14 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

402

403 **1.2.182 MDT-02 – iPadMini GSM**

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:59:06 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:59:06 EDT 2014 Acquisition finished: Tue Jul 15 08:23:28 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

404

405

406

407

408

409

1.2.183 MDT-03 – iPadMini GSM

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 07:59:41 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 07:59:41 EDT 2014 Acquisition finished: Tue Jul 15 08:23:53 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

410

411

1.2.184 MDT-04 – iPadMini GSM

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 08:00:15 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:00:15 EDT 2014 Acquisition finished: Tue Jul 15 08:24:15 EDT 2014 MSISDN was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

412

413

414 **1.2.185 MDT-05 – iPadMini GSM**

Test Case MDT-05 XRY/XACT v6.10.1					
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).				
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 08:00:43 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:00:43 EDT 2014 Acquisition finished: Tue Jul 15 08:24:51 EDT 2014</p> <p>All address book entries were successfully acquired ALL PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected				
Analysis:	Expected results achieved				

415

416 **1.2.186 MDT-06 – iPadMini GSM**

Test Case MDT-06 XRY/XACT v6.10.1	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	<p>MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.</p> <p>MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.</p> <p>MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.</p> <p>MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>
Tester Name:	rpa
Test Host:	p644381

Test Case MDT-06 XRY/XACT v6.10.1											
Test Date:	Tue Jul 15 08:01:10 EDT 2014										
Device:	iPadMini GSM										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:01:10 EDT 2014 Acquisition finished: Tue Jul 15 08:28:19 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

417

418 **1.2.187 MDT-07 – iPadMini GSM**

Test Case MDT-07 XRY/XACT v6.10.1					
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).				
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 08:04:17 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:04:17 EDT 2014 Acquisition finished: Tue Jul 15 08:30:41 EDT 2014 UICC connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

419

420

421

422

423

424 **1.2.188 MDT-08 – iPadMini GSM**

Test Case MDT-08 XRY/XACT v6.10.1					
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 08:04:42 EDT 2014				
Device:	iPadMini_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:04:42 EDT 2014 Acquisition finished: Tue Jul 15 08:30:52 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

425

426 **1.2.189 MDT-09 – iPadMini GSM**

Test Case MDT-09 XRY/XACT v6.10.1					
Case Summary:	MDT-09Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 08:05:08 EDT 2014				
Device:	iPadMini_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:05:08 EDT 2014 Acquisition finished: Tue Jul 15 08:31:08 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

427

428

429

430

431 **1.2.190 MDT-10 – iPadMini GSM**

Test Case MDT-10 XRY/XACT v6.10.1					
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).				
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 08:05:34 EDT 2014				
Device:	iPadMini_GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:05:34 EDT 2014 Acquisition finished: Tue Jul 15 08:31:29 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected				
Analysis:	Expected results achieved				

432

433 **1.2.191 MDT-11 – iPadMini GSM**

Test Case MDT-11 XRY/XACT v6.10.1	
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Tue Jul 15 08:06:03 EDT 2014
Device:	iPadMini_GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:06:03 EDT 2014 Acquisition finished: Tue Jul 15 08:31:51 EDT 2014 Acquire All acquisition was successful

Test Case MDT-11 XRY/XACT v6.10.1									
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected	MDT-AO-06 Select-all UICC data objects acquisition.	NA	MDT-AO-07 Select-individual UICC data objects acquisition.	NA
Assertion & Expected Result	Actual Result								
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected								
MDT-AO-06 Select-all UICC data objects acquisition.	NA								
MDT-AO-07 Select-individual UICC data objects acquisition.	NA								
Analysis:	Expected results achieved								

434

435 1.2.192 MDT-12 – iPadMini GSM

Test Case MDT-12 XRY/XACT v6.10.1					
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 08:01:36 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:01:36 EDT 2014 Acquisition finished: Tue Jul 15 08:28:37 EDT 2014</p> <p>Notification of modified device memory data was not successful</p> <p>Notes: Case file data can be modified and re-opened without warning.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

436

437 1.2.193 MDT-13 – iPadMini GSM

Test Case MDT-13 XRY/XACT v6.10.1	
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Tue Jul 15 08:06:28 EDT 2014
Device:	iPadMini GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:06:28 EDT 2014 Acquisition finished: Tue Jul 15 08:32:09 EDT 2014</p> <p>Notification of modified SIM data was not successful</p>

Test Case MDT-13 XRY/XACT v6.10.1					
	Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

438

439 **1.2.194 MDT-14 – iPadMini GSM**

Test Case MDT-14 XRY/XACT v6.10.1					
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.				
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Tue Jul 15 08:06:52 EDT 2014				
Device:	iPadMini GSM				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:06:52 EDT 2014 Acquisition finished: Tue Jul 15 08:32:51 EDT 2014 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-09 Acquisition of password protected UICC.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-09 Acquisition of password protected UICC.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-09 Acquisition of password protected UICC.	as expected				
Analysis:	Expected results achieved				

440

441 **1.2.195 MDT-15 – iPadMini GSM**

Test Case MDT-15 XRY/XACT v6.10.1	
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Tue Jul 15 08:07:18 EDT 2014
Device:	iPadMini GSM
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:07:18 EDT 2014 Acquisition finished: Tue Jul 15 08:33:06 EDT 2014 The remaining number of PIN attempts were properly displayed
Results:	

Test Case MDT-15 XRY/XACT v6.10.1		
	Assertion & Expected Result	Actual Result
	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Analysis:	Expected results achieved	

442

443 **1.2.196 MDT-16 – iPadMini GSM**

Test Case MDT-16 XRY/XACT v6.10.1						
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.					
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Tue Jul 15 08:07:44 EDT 2014					
Device:	iPadMini_GSM					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:07:44 EDT 2014 Acquisition finished: Tue Jul 15 08:33:22 EDT 2014 Remaining number of PUK attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-11 Remaining number of PUK attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected	
Assertion & Expected Result	Actual Result					
MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected					
Analysis:	Expected results achieved					

444

445 **1.2.197 MDT-19 – iPadMini GSM**

Test Case MDT-19 XRY/XACT v6.10.1		
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Jul 15 08:02:11 EDT 2014	
Device:	iPadMini_GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:02:11 EDT 2014 Acquisition finished: Tue Jul 15 08:29:36 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		

Test Case MDT-19 XRY/XACT v6.10.1		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

446

447 **1.2.198 MDT-20 – iPadMini GSM**

Test Case MDT-20 XRY/XACT v6.10.1		
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Jul 15 08:08:15 EDT 2014	
Device:	iPadMini GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:08:15 EDT 2014 Acquisition finished: Tue Jul 15 08:33:41 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

448

449 **1.2.199 MDT-22 – iPadMini GSM**

Test Case MDT-22 XRY/XACT v6.10.1		
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Jul 15 08:02:54 EDT 2014	
Device:	iPadMini GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:02:54 EDT 2014 Acquisition finished: Tue Jul 15 08:30:08 EDT 2014 Hash values were properly reported for individually acquired device data elements	
Results:		

Test Case MDT-22 XRY/XACT v6.10.1		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

450

451 **1.2.200 MDT-23 – iPadMini GSM**

Test Case MDT-23 XRY/XACT v6.10.1		
Case Summary:	MDT-23 Acquire UICC memory and review hash values for vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Jul 15 08:08:39 EDT 2014	
Device:	iPadMini GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:08:39 EDT 2014 Acquisition finished: Tue Jul 15 08:33:55 EDT 2014 Hash values were properly reported for individually acquired SIM data elements	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

452

453 **1.2.201 MDT-24 – iPadMini GSM**

Test Case MDT-24 XRY/XACT v6.10.1		
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Jul 15 08:03:26 EDT 2014	
Device:	iPadMini GSM	
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable	
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Tue Jul 15 08:03:26 EDT 2014 Acquisition finished: Tue Jul 15 08:30:22 EDT 2014 GPS Coordinate data was successfully acquired	
Results:	Assertion & Expected Result	Actual Result

Test Case MDT-24 XRY/XACT v6.10.1		
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

454

455 **1.2.202 MDT-01 – iPadMini CDMA**

Test Case MDT-01 XRY/XACT v6.10.1						
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).					
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Thu Jul 17 14:34:09 EDT 2014					
Device:	iPadMini CDMA					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:34:09 EDT 2014 Acquisition finished: Thu Jul 17 14:44:24 EDT 2014 Device connectivity was established via supported interface					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-01 Device connectivity via supported interfaces.	as expected					
Analysis:	Expected results achieved					

456

457 **1.2.203 MDT-02 – iPadMini CDMA**

Test Case MDT-02 XRY/XACT v6.10.1						
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.					
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Thu Jul 17 14:34:36 EDT 2014					
Device:	iPadMini CDMA					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:34:36 EDT 2014 Acquisition finished: Thu Jul 17 14:44:42 EDT 2014 Device acquisition disruption notification was successful					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result					
MDT-CA-02 Notification of device acquisition disruption.	as expected					
Analysis:	Expected results achieved					

458

459

1.2.204 MDT-03 – iPadMini CDMA

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 17 14:35:01 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:35:01 EDT 2014 Acquisition finished: Thu Jul 17 14:44:56 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

460

461

1.2.205 MDT-04 – iPadMini CDMA

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 17 14:35:36 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:35:36 EDT 2014 Acquisition finished: Thu Jul 17 14:45:17 EDT 2014 IMEI, MEID/ESN were not acquired Notes: MEID was not reported.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Not as expected				
Analysis:	Expected results Not achieved				

462

1.2.206 MDT-05 – iPadMini CDMA

Test Case MDT-05 XRY/XACT v6.10.1					
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).				
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 17 14:35:59 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:35:59 EDT 2014 Acquisition finished: Thu Jul 17 14:46:57 EDT 2014 All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected				
Analysis:	Expected results achieved				

465 **1.2.207 MDT-06 – iPadMini CDMA**

Test Case MDT-06 XRY/XACT v6.10.1	
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Thu Jul 17 14:36:23 EDT 2014
Device:	iPadMini CDMA

Test Case MDT-06 XRY/XACT v6.10.1											
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:36:23 EDT 2014 Acquisition finished: Thu Jul 17 14:49:02 EDT 2014 Acquire All acquisition was successful										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

466

467 **1.2.208 MDT-12 – iPadMini CDMA**

Test Case MDT-12 XRY/XACT v6.10.1					
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 17 14:36:48 EDT 2014				
Device:	iPadMini_CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:36:48 EDT 2014 Acquisition finished: Thu Jul 17 14:49:19 EDT 2014 Notification of modified device memory data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

468

469

470

471

472

473

474 **1.2.209 MDT-19 – iPadMini CDMA**

Test Case MDT-19 XRY/XACT v6.10.1					
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.				
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 17 14:37:21 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:37:21 EDT 2014 Acquisition finished: Thu Jul 17 14:52:39 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected				
Analysis:	Expected results achieved				

475

476 **1.2.210 MDT-22 – iPadMini CDMA**

Test Case MDT-22 XRY/XACT v6.10.1					
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.				
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 17 14:37:45 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:37:45 EDT 2014 Acquisition finished: Thu Jul 17 14:53:00 EDT 2014 Hash values were properly reported for individually acquired device data elements				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected				
Analysis:	Expected results achieved				

477

478

479

1.2.211 MDT-24 – iPadMini CDMA

Test Case MDT-24 XRY/XACT v6.10.1					
Case Summary:	MDT-24 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates				
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Thu Jul 17 14:38:13 EDT 2014				
Device:	iPadMini CDMA				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Thu Jul 17 14:38:13 EDT 2014 Acquisition finished: Thu Jul 17 14:53:17 EDT 2014 GPS Coordinate data was successfully acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-16 Acquisition of GPS related data presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected				
Analysis:	Expected results achieved				

480

481

1.2.212 MDT-01 – Samsung Rugby3

Test Case MDT-01 XRY/XACT v6.10.1					
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).				
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:50:14 EDT 2014				
Device:	Samsung Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:50:14 EDT 2014 Acquisition finished: Wed Jul 23 14:38:05 EDT 2014 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

482

483

484

485

486 **1.2.213 MDT-02 – Samsung Rugby3**

Test Case MDT-02 XRY/XACT v6.10.1					
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:51:25 EDT 2014				
Device:	Samsung Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:51:25 EDT 2014 Acquisition finished: Wed Jul 23 14:39:04 EDT 2014 Device acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-02 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-02 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-02 Notification of device acquisition disruption.	as expected				
Analysis:	Expected results achieved				

487

488 **1.2.214 MDT-03 – Samsung Rugby3**

Test Case MDT-03 XRY/XACT v6.10.1					
Case Summary:	MDT-03 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.				
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:51:58 EDT 2014				
Device:	Samsung Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:51:58 EDT 2014 Acquisition finished: Wed Jul 23 14:39:20 EDT 2014 Readability and completeness of acquired data was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-03 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected				
Analysis:	Expected results achieved				

489

490

491

1.2.215 MDT-04 – Samsung Rugby3

Test Case MDT-04 XRY/XACT v6.10.1					
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).				
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:52:35 EDT 2014				
Device:	Samsung Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:52:35 EDT 2014 Acquisition finished: Wed Jul 23 14:39:37 EDT 2014 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

1.2.216 MDT-05 – Samsung Rugby3

Test Case MDT-05 XRY/XACT v6.10.1	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Jul 23 13:53:45 EDT 2014
Device:	Samsung Rugby3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:53:45 EDT 2014 Acquisition finished: Wed Jul 23 14:40:08 EDT 2014 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired ALL PIM related data was acquired EMS text messages were not acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired

Test Case MDT-05 XRY/XACT v6.10.1					
	<p>All application data was acquired All Internet related data was acquired All Social media related data was acquired</p> <p>Notes: Non-Latin characters (i.e., Chinese) were not reported. EMS Messages were not reported.</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Not as expected				
Analysis:	Partial results achieved				

495

496 **1.2.217 MDT-06 – Samsung Rugby3**

Test Case MDT-06 XRY/XACT v6.10.1											
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.										
Assertions:	<p>MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</p>										
Tester Name:	rpa										
Test Host:	p644381										
Test Date:	Wed Jul 23 14:42:32 EDT 2014										
Device:	Samsung Rugby3										
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable										
Log Highlights:	<p>Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 14:42:32 EDT 2014 Acquisition finished: Wed Jul 23 14:42:49 EDT 2014</p> <p>Acquire All acquisition was successful</p>										
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-CA-06 Acquire-all mobile device data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-CA-07 Select-all mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-08 Select-individual mobile device data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Assertion & Expected Result	Actual Result										
MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected										
MDT-CA-07 Select-all mobile device data objects acquisition.	NA										
MDT-CA-08 Select-individual mobile device data objects acquisition.	NA										
MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected										
Analysis:	Expected results achieved										

497

498

1.2.218 MDT-07 – Samsung Rugby3

Test Case MDT-07 XRY/XACT v6.10.1					
Case Summary:	MDT-07 Acquire UICC memory over supported interfaces (e.g., PC/SC reader).				
Assertions:	MDT-AO-01 If a mobile device forensic tool provides support for connectivity of the target UICC then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:56:34 EDT 2014				
Device:	Samsung_Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:56:34 EDT 2014 Acquisition finished: Wed Jul 23 14:44:29 EDT 2014 UICC connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-01 UICC connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-01 UICC connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-01 UICC connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

499

500

1.2.219 MDT-08 – Samsung Rugby3

Test Case MDT-08 XRY/XACT v6.10.1					
Case Summary:	MDT-08 Begin UICC acquisition and interrupt connectivity by interface disengagement.				
Assertions:	MDT-AO-02 If a mobile device forensic tool loses connectivity with the UICC reader then the tool shall notify the user that connectivity has been disrupted.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:58:00 EDT 2014				
Device:	Samsung_Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:58:00 EDT 2014 Acquisition finished: Wed Jul 23 14:44:41 EDT 2014 Media acquisition disruption notification was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-02 Notification of SIM acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-02 Notification of SIM acquisition disruption.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-02 Notification of SIM acquisition disruption.	as expected				
Analysis:	Expected results achieved				

501

502

503

504

505

1.2.220 MDT-09 – Samsung Rugby3

Test Case MDT-09 XRY/XACT v6.10.1					
Case Summary:	MDT-09 Acquire UICC memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).				
Assertions:	MDT-AO-03 If a mobile device forensic tool completes acquisition of the target UICC without error then the subscriber and equipment related data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:58:29 EDT 2014				
Device:	Samsung Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:58:29 EDT 2014 Acquisition finished: Wed Jul 23 14:44:59 EDT 2014 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-03 Acquisition of UICC subscriber and equipment related data in a useable format.	as expected				
Analysis:	Expected results achieved				

506

507

1.2.221 MDT-10 – Samsung Rugby3

Test Case MDT-10 XRY/XACT v6.10.1					
Case Summary:	MDT-10 Acquire UICC memory and review supported data elements (i.e., Abbreviated Dialing Numbers, Last Numbers Dialed, SMS/EMS text messages, and location related data: LOCI, GPRSLOCI).				
Assertions:	MDT-AO-04 If a mobile device forensic tool completes acquisition of the target UICC without error then all acquired data shall be presented in a useable format.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 13:58:55 EDT 2014				
Device:	Samsung Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:58:55 EDT 2014 Acquisition finished: Wed Jul 23 14:45:12 EDT 2014 All ADNs were acquired LNDs were acquired Date/Time Stamps correctly reported for LNDs ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported Deleted text message data was recovered LOCI data was acquired GPRSLOCI data was acquired				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected
Assertion & Expected Result	Actual Result				
MDT-AO-04 Acquisition of all UICC supported data elements in a useable format.	as expected				

Test Case MDT-10 XRY/XACT v6.10.1	
Analysis:	Expected results achieved

508

509 **1.2.222 MDT-11 – Samsung Rugby3**

Test Case MDT-11 XRY/XACT v6.10.1									
Case Summary:	MDT-11 Acquire UICC memory by selecting a combination of supported data elements.								
Assertions:	MDT-AO-05 If a mobile device forensic tool provides the user with an Acquire All UICC data objects acquisition option then the tool shall complete the acquisition of all data objects without error. MDT-AO-06 If a mobile device forensic tool provides the user with an Select All individual UICC data objects then the tool shall complete the acquisition of all individually selected data objects without error. MDT-AO-07 If a mobile device forensic tool provides the user with the ability to Select Individual UICC data objects for acquisition then the tool shall acquire each exclusive data object without error.								
Tester Name:	rpa								
Test Host:	p644381								
Test Date:	Wed Jul 23 14:05:59 EDT 2014								
Device:	Samsung Rugby3								
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB								
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 14:05:59 EDT 2014 Acquisition finished: Wed Jul 23 14:45:39 EDT 2014 Acquire All acquisition was successful								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-05 Acquire-all UICC data objects acquisition.</td> <td>as expected</td> </tr> <tr> <td>MDT-AO-06 Select-all UICC data objects acquisition.</td> <td>NA</td> </tr> <tr> <td>MDT-AO-07 Select-individual UICC data objects acquisition.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected	MDT-AO-06 Select-all UICC data objects acquisition.	NA	MDT-AO-07 Select-individual UICC data objects acquisition.	NA
Assertion & Expected Result	Actual Result								
MDT-AO-05 Acquire-all UICC data objects acquisition.	as expected								
MDT-AO-06 Select-all UICC data objects acquisition.	NA								
MDT-AO-07 Select-individual UICC data objects acquisition.	NA								
Analysis:	Expected results achieved								

510

511 **1.2.223 MDT-12 – Samsung Rugby3**

Test Case MDT-12 XRY/XACT v6.10.1	
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Wed Jul 23 13:54:46 EDT 2014
Device:	Samsung Rugby3
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:54:46 EDT 2014 Acquisition finished: Wed Jul 23 14:43:26 EDT 2014 Notification of modified device memory data was not successful Notes:

Test Case MDT-12 XRY/XACT v6.10.1					
	Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

512

513 **1.2.224 MDT-13 – Samsung Rugby3**

Test Case MDT-13 XRY/XACT v6.10.1					
Case Summary:	MDT-13 After a successful UICC acquisition, alter the case file via third-party means and attempt to re-open the case.				
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 14:07:18 EDT 2014				
Device:	Samsung Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 14:07:18 EDT 2014 Acquisition finished: Wed Jul 23 14:45:52 EDT 2014 Notification of modified SIM data was not successful Notes: Case file data can be modified and re-opened without warning.				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-08 Notification of modified device case data.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	MDT-AO-08 Notification of modified device case data.	Not as expected
Assertion & Expected Result	Actual Result				
MDT-AO-08 Notification of modified device case data.	Not as expected				
Analysis:	Expected results Not achieved				

514

515 **1.2.225 MDT-14 – Samsung Rugby3**

Test Case MDT-14 XRY/XACT v6.10.1					
Case Summary:	MDT-14 Attempt acquisition of a password-protected UICC.				
Assertions:	MDT-AO-09 If the UICC is password-protected then the mobile device forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.				
Tester Name:	rpa				
Test Host:	p644381				
Test Date:	Wed Jul 23 14:13:18 EDT 2014				
Device:	Samsung Rugby3				
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB				
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 14:13:18 EDT 2014 Acquisition finished: Wed Jul 23 14:46:32 EDT 2014 Ability to enter PIN on protected media before acquisition was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result				

Test Case MDT-14 XRY/XACT v6.10.1		
	MDT-AO-09 Acquisition of password protected UICC.	as expected
Analysis:	Expected results achieved	

516

517 **1.2.226 MDT-15 – Samsung Rugby3**

Test Case MDT-15 XRY/XACT v6.10.1						
Case Summary:	MDT-15 Begin acquisition on a PIN protected UICC to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.					
Assertions:	MDT-AO-10 If a mobile device forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Jul 23 14:14:26 EDT 2014					
Device:	Samsung_Rugby3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 14:14:26 EDT 2014 Acquisition finished: Wed Jul 23 14:46:45 EDT 2014 The remaining number of PIN attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-10 Remaining number of PIN attempts properly displayed.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-10 Remaining number of PIN attempts properly displayed.	as expected					
Analysis:	Expected results achieved					

518

519 **1.2.227 MDT-16 – Samsung Rugby3**

Test Case MDT-16 XRY/XACT v6.10.1						
Case Summary:	MDT-16 Begin acquisition on a UICC whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.					
Assertions:	MDT-AO-11 If a mobile device forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Jul 23 14:15:00 EDT 2014					
Device:	Samsung_Rugby3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 14:15:00 EDT 2014 Acquisition finished: Wed Jul 23 14:46:59 EDT 2014 Remaining number of PUK attempts were properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-16 XRY/XACT v6.10.1		
	MDT-AO-11 Remaining number of PUK attempts properly displayed.	as expected
Analysis:	Expected results achieved	

520

521 **1.2.228 MDT-19 – Samsung Rugby3**

Test Case MDT-19 XRY/XACT v6.10.1						
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.					
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Jul 23 13:55:34 EDT 2014					
Device:	Samsung_Rugby3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:55:34 EDT 2014 Acquisition finished: Wed Jul 23 14:44:00 EDT 2014 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected					
Analysis:	Expected results achieved					

522

523 **1.2.229 MDT-20 – Samsung Rugby3**

Test Case MDT-20 XRY/XACT v6.10.1						
Case Summary:	MDT-20 Acquire UICC memory and review data containing non-ASCII characters.					
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Jul 23 14:16:25 EDT 2014					
Device:	Samsung_Rugby3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 14:16:25 EDT 2014 Acquisition finished: Wed Jul 23 14:47:10 EDT 2014 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-20 XRY/XACT v6.10.1		
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

524

525 **1.2.230 MDT-22 – Samsung Rugby3**

Test Case MDT-22 XRY/XACT v6.10.1						
Case Summary:	MDT-22 Acquire mobile device internal memory and review hash values for vendor supported data objects.					
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Jul 23 13:56:03 EDT 2014					
Device:	Samsung_Rugby3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: cable					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 13:56:03 EDT 2014 Acquisition finished: Wed Jul 23 14:44:14 EDT 2014 Hash values were properly reported for individually acquired device data elements					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>MDT-AO-15 Hash values for individual data and case presented in a useable format.</td> <td>as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Assertion & Expected Result	Actual Result					
MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected					
Analysis:	Expected results achieved					

526

527 **1.2.231 MDT-23 – Samsung Rugby3**

Test Case MDT-23 XRY/XACT v6.10.1						
Case Summary:	MDT-23 Acquire UICC memory and review hash values for vendor supported data objects.					
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.					
Tester Name:	rpa					
Test Host:	p644381					
Test Date:	Wed Jul 23 14:17:10 EDT 2014					
Device:	Samsung_Rugby3					
Source Setup:	OS: WIN 7 v6.1.7601 Interface: USB					
Log Highlights:	Created by XRY/XACT v6.10.1 Acquisition started: Wed Jul 23 14:17:10 EDT 2014 Acquisition finished: Wed Jul 23 14:47:20 EDT 2014 Hash values were properly reported for individually acquired SIM data elements					
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result		
Assertion & Expected Result	Actual Result					

Test Case MDT-23 XRY/XACT v6.10.1		
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

528
529