Texas Instruments
amsdk_android

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AM37x_Gingerbread_2.3_Devkit_1.0

Test Report

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Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Idle power performance with SCREEN_DIM_WAKE_LOCK

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Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Idle power performance with SCREEN_DIM_WAKE_LOCK

Idle power performance with PARTIAL_WAKE_LOCK

Dhrystone power performance with PARTIAL_WAKE_LOCK

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Audio + Video power performance

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Idle power performance with FULL_WAKE_LOCK

Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Idle power performance with SCREEN_DIM_WAKE_LOCK

Idle power performance with PARTIAL_WAKE_LOCK

Dhrystone power performance with PARTIAL_WAKE_LOCK

3D Graphics power performance

Audio + Video power performance

600KHz

Idle power performance with FULL_WAKE_LOCK

Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Idle power performance with SCREEN_DIM_WAKE_LOCK

Idle power performance with PARTIAL_WAKE_LOCK

Dhrystone power performance with PARTIAL_WAKE_LOCK

3D Graphics power performance

Audio + Video power performance

300KHz

Idle power performance with FULL_WAKE_LOCK

Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Idle power performance with SCREEN_DIM_WAKE_LOCK

Idle power performance with PARTIAL_WAKE_LOCK

Dhrystone power performance with PARTIAL_WAKE_LOCK

3D Graphics power performance

Audio + Video power performance

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Idle power performance with FULL_WAKE_LOCK

Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Idle power performance with SCREEN_DIM_WAKE_LOCK

Idle power performance with PARTIAL_WAKE_LOCK

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3D Graphics power performance

Audio + Video power performance

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SUSPEND MODE power consumption sleep_while_idle enabled and enable_off_mode enabled

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SUSPEND MODE power consumption sleep_while_idle enabled and enable_off_mode disabled

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1 Test Suite : Compliance

Test Case amsdkA-8: Google's Compliance Test Suite

Summary:
Run CTS

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

2 Test Suite : Compatibility

This test suite tries to validate system compatibility with Android per Google's Compatibility Definition Document (CDD) available at

http://source.android.com/compatibility/android-2.1-cdd.pdf

2.1 Test Suite : Reference Software

Test Case amsdkA-9: SDK's Calculator App

Summary:
Run Calculator app (from Google's SDK)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-10: SDK's LunarLander App

Summary:
Run LunarLander app (from Google's SDK)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-12: SDK's ApiDemos App

Summary:
Run ApiDemos app (from Google's SDK)

Test execution
engine:

Test script or
logic:

Required
hardware assets:

DUT parameters:

Application
parameters:

Test Equipment
parameters:

test case
approver:

Last Result: **Failed**

Build   2011-03-17

Tester   gt_amsdk_lead

Testing notes   Package com.example.android.apis desires unavailable shared library
                      com.example.will.never.exist; ignoring!
                      E/PackageManager(964): Package com.example.android.apis
                      requires unavailable feature android.hardware.camera; failing!

Test Case amsdkA-13: Dalvik's Unit Tests

Summary:
Run Dalvik VM unit tests (from /dalvik/tests/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Failed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-384: Apps for android Amazed App

Summary:
Run Amazed app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Accelerometer not present.

Test Case amsdkA-385: Apps for android AndroidGlobalTime App

Summary:
Run AndroidGlobalTime app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Failed**

Build   2011-03-17

Tester   gt_amsdk_lead

Testing notes   android.pim is missing in the source file.

Test Case amsdkA-387: Apps for android Clickin2DaBeat App

Summary:
Run Clickin2DaBeat app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Doesn't run becuase of the blue not available

Test Case amsdkA-388: Apps for android DivideAndConquer App

Summary:
Run DivideAndConquer app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-389: Apps for android HeightMapProfiler App

Summary:
Run HeightMapProfiler app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Failed**

Build   2011-03-17

Tester   gt_amsdk_lead

Testing notes   does not compile

Test Case amsdkA-390: Apps for android LOLcat Builder App

Summary:
Run LOLcat Builder app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-392: Apps for android Photostream App

Summary:
Run Photostream app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-393: Apps for android Radar App

Summary:
Run Radar app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Failed**

Build   2011-03-17

Tester   gt_amsdk_lead

Testing notes   does not compile

Test Case amsdkA-394: Apps for android RingsExtended App

Summary:
Run RingsExtended app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Failed**

Build   2011-03-17

Tester   gt_amsdk_lead

Testing notes   does not compile

Test Case amsdkA-395: Apps for android Samples App

Summary:
Run Samples app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	does not compile

Test Case amsdkA-396: Apps for android SpriteMethodTest App

Summary:
Run SpriteMethodTest app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-397: Apps for android Translate App

Summary:
Run Translate app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-398: Apps for android WebViewDemo App

Summary:
Run WebViewDemo app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	does not compile

Test Case amsdkA-399: Apps for android WikiNotes App

Summary:
Run WikiNotes app (from http://code.google.com/p/apps-for-android/)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-233: Replica Island

Summary:

Run Replica Island Game

Test execution engine:

Test script or logic:

Required hardware
assets:

DUT parameters:

Application parameters:

Test Equipment
parameters:

test case approver:

Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Replica Island does not install pkg: /data/local/tmp/ReplicaIsland.apk Failure [INSTALL_FAILED_CONTAINER_ERROR]
	E/Vold (886): Error opening devmapper (No such file or directory) E/Vold (886): ASEC device mapping failed (No such file or directory) E/PackageHelper(1429): Failed to create secure container smdl2tmp1 E/DefContainer(1429): Failed to create container smdl2tmp1 W/ActivityManager(989): No content provider found for:

2.2 Test Suite : Development Tools

Test Case amsdkA-15: ADB Ethernet

Summary:
Use Android Debug Bridge (adb) tool to connect to the target via ethernet port and install an application (.apk)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-16: DDMS

Summary:
Use Dalvik Debug Monitor Service (DDMS) to watch processes running in the target, see process' threads, etc. Try to capture the device screen and to kill one process using DDMS.

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

2.3 Test Suite : Multimedia

2.3.1 Test Suite : Audio

2.3.1.1 Test Suite : Decode

Test Case amsdkA-33: MP3

Summary:
Mono/Stereo 8-320Kbps constant (CBR) or variable bit-rate (VBR) in a MP3 (.mp3) container

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

2.3.2 Test Suite : Image

2.3.2.1 Test Suite : Decode

Test Case amsdkA-39: JPEG

Summary:
Base + Progressive

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-40: PNG

Summary:
PNG Image

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-41: GIF

Summary:
GIF image

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-42: BMP

Summary:
BMP Image

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

2.3.3 Test Suite : Video

2.3.3.1 Test Suite : Decode

Test Case amsdkA-45: H.264

Summary:
H.264 files in 3GPP (.3gp) and MPEG-4 (.mp4) container

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-46: MPEG4 SP

Summary:
MPEG4 Simple Profile files in 3GPP (.3gp) container

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

3 Test Suite : Performance

This test suite tries to measure key performance metrics in different areas:

1. System
2. Graphics
3. Browser

3.1 Test Suite : System

Test Case amsdkA-47: Browser Launch Time

Summary:
The launch time is measured as the total time to complete loading the default activity for the application, including the time it takes to start the Linux process, load the Android package into the Dalvik VM, and call onCreate.

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-49: Simultaneous Applications

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-117: Boot time

Summary:

Measure the time it takes since kernel image starts being downloaded until Android home screen appears.

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	first boot: 64.8 sec
	reboot: 29.4 sec

3.2 Test Suite : 0xBench

Test Case amsdkA-89: 0xBench Math Linpack test

Summary:

0xBench Math Linpack test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#testMathLinpack org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	MathLinpack performance data collected successfully LOG PATH

Test Case amsdkA-90: 0xBench Math Scimark2 test

Summary:

0xBench Math Scimark2 test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#testMathScimark2 org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	MathScimark2 performance data collected successfully LOG PATH

Test Case amsdkA-91: 0xBench 2D Draw Canvas test

Summary:

0xBench 2D Draw Canvas test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test2DDrawCanvas org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	2DDrawCanvas performance data collected successfully
	LOG PATH

Test Case amsdkA-92: 0xBench 2D Draw Circle test

Summary:

0xBench 2D Draw Circle test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test2DDrawCircle org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	2DDrawCircle performance data collected successfully
	LOG PATH

Test Case amsdkA-93: 0xBench 2D Draw Circle2 test

Summary:

0xBench 2D Draw Circle2 test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["\<platform\>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test2DDrawCircle2 org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	2DDrawCircle2 performance data collected successfully
	LOG PATH

Test Case amsdkA-94: 0xBench 2D Draw Rect test

Summary:

0xBench 2D Draw Rect test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test2DDrawRect org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	2DDrawRect performance data collected successfully
	LOG PATH

Test Case amsdkA-95: 0xBench 2D Draw Arc test

Summary:

0xBench 2D Draw Arc test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test2DDrawArc org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	2DDrawArc performance data collected successfully
	LOG PATH

Test Case amsdkA-96: 0xBench 2D Draw Image test

Summary:

0xBench 2D Draw Image test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test2DDrawImage org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	2DDrawImage performance data collected successfully
	LOG PATH

Test Case amsdkA-97: 0xBench 2D Draw Text test

Summary:

0xBench 2D Draw Text test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test2DDrawText org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	2DDrawText performance data collected successfully
	LOG PATH

Test Case amsdkA-98: 0xBench 3D OpenGL Cube test

Summary:

0xBench 3D OpenGL Cube test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test3DOpenGLCube org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	3DOpenGLCube performance data collected successfully
	LOG PATH

Test Case amsdkA-99: 0xBench 3D OpenGL Blending test

Summary:

0xBench 3D OpenGL Blending test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test3DOpenGLBlending org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	3DOpenGLBlending performance data collected successfully
	LOG PATH

Test Case amsdkA-100: 0xBench 3D OpenGL Fog test

Summary:

0xBench 3D OpenGL Fog test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test3DOpenGLFog org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	3DOpenGLFog performance data collected successfully
	LOG PATH

Test Case amsdkA-101: 0xBench 3D OpenGL Flying Teapot test

Summary:

0xBench 3D OpenGL Flying Teapot test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#test3DOpenGLTeapot org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	3DOpenGLTeapot performance data collected successfully
	LOG PATH

Test Case amsdkA-102: 0xBench VM Garbage Collection test

Summary:

0xBench VM Garbage Collection test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#testVMGC org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	VMGC performance data collected successfully
	LOG PATH

Test Case amsdkA-103: 0xBench Native LibMicro test

Summary:

0xBench Native LibMicro test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#testNativeLibMicro org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	NativeLibMicro performance data collected successfully
	LOG PATH

Test Case amsdkA-104: 0xBench Native UnixBench test

Summary:

0xBench Native UnixBench test.

Test execution engine:	vatf
Test script or logic:	android/performance/0xLabBenchmark/zeroxbench_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=BenchmarkTest.apk:org.zeroxlab.benchmark.test;Benchmark-debug.apk:org.zeroxlab.benchmark,test_option=-e class org.zeroxlab.benchmark.test.BenchmarkTest#testNativeUnixBench org.zeroxlab.benchmark.test/android.test.InstrumentationTestRunner,log_option=Benchmark:I *:S,res_file=/sdcard/0xBenchmark.xml
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	NativeUnixBench performance data collected successfully
	LOG PATH

3.3 Test Suite : Netperf

Tool to measure TCP/UDP bandwidth.

More information available at http://www.netperf.org/netperf/NetperfPage.html

Test Case amsdkA-105: TCP Stream, Buffer size 16

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/netperf/netperf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	time=60,buffer_size=16,port_number=22115,ip_version=4,min_bw=30
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 30.0 Mb/s. AVG Throughput=18.66 Buffer Size Throughput 16 18.66
	LOG PATH

Test Case amsdkA-106: TCP Stream, Buffer size 32

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/netperf/netperf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	time=60,buffer_size=32,port_number=22115,ip_version=4,min_bw=30
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 30.0 Mb/s. AVG Throughput=18.62 Buffer Size Throughput 32 18.62
	LOG PATH

Test Case amsdkA-107: TCP Stream, Buffer size 64

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/netperf/netperf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	time=60,buffer_size=64,port_number=22115,ip_version=4,min_bw=30
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 30.0 Mb/s. AVG Throughput=18.84 Buffer Size Throughput 64 18.84
	LOG PATH

Test Case amsdkA-108: TCP Stream, Buffer size 128

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/netperf/netperf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	time=60,buffer_size=128,port_number=22115,ip_version=4,min_bw=30
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 30.0 Mb/s. AVG Throughput=18.94 Buffer Size Throughput 128 18.94
	LOG PATH

Test Case amsdkA-109: TCP Stream, Buffer size 256

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/netperf/netperf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	time=60,buffer_size=256,port_number=22115,ip_version=4,min_bw=30
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 30.0 Mb/s. AVG Throughput=18.81 Buffer Size Throughput 256 18.81
	LOG PATH

Test Case amsdkA-110: TCP Stream, Buffer size 512

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/netperf/netperf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	time=60,buffer_size=512,port_number=22115,ip_version=4,min_bw=30
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 30.0 Mb/s. AVG Throughput=18.83 Buffer Size Throughput 512 18.83
	LOG PATH

Test Case amsdkA-111: TCP Stream, Buffer size 1024

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/netperf/netperf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	time=60,buffer_size=1024,port_number=22115,ip_version=4,min_bw=30
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 30.0 Mb/s. AVG Throughput=18.65 Buffer Size Throughput 1024 18.65
	LOG PATH

Test Case amsdkA-112: TCP Stream, Buffer size 4096

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/netperf/netperf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	time=60,buffer_size=4096,port_number=22115,ip_version=4,min_bw=30
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 4096 48.89
	LOG PATH

Test Case amsdkA-113: TCP Stream, Buffer size 8192

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/netperf/netperf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	time=60,buffer_size=8192,port_number=22115,ip_version=4,min_bw=30
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 54.85
	LOG PATH

3.4 Test Suite : Browser

Measure browser performance using publicly available tools.

Test Case amsdkA-262: Acid3 tests

Summary:

Measure Browser functionality and performance by running http://acid3.acidtests.org/ tests

Test execution engine:	vatf
Test script or logic:	android/performance/browser/acid3test.rb
Required hardware assets:	dut1 = ["\<platform\>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=android-server-2.0a8.apk:org.openqa.selenium.android.app
Application parameters:	min_score=100
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	93/100

Test Case amsdkA-115: Sunspider test

Summary:

Measure Javascript performance by running
http://www2.webkit.org/perf/sunspider/sunspider.html tests

Test execution engine:	vatf
Test script or logic:	android/performance/browser/sunspider.rb
Required hardware assets:	dut1 = ["\<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=android-server-2.0a8.apk:org.openqa.selenium.android.app
Application parameters:	max_exec_time=5000
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	0.9.1 = 6826.3 ms +/ - 1%

Test Case amsdkA-264: V8 Browser peformance test

Summary:

Measure Javascript performance by running
http://v8.googlecode.com/svn/data/benchmarks/v6/run.html tests

Test execution engine:	vatf
Test script or logic:	android/performance/browser/v8.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	test_libs=android-server-2.0a8.apk:org.openqa.selenium.android.app
Application parameters:	min_score=100
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	210

3.5 Test Suite : RowboPerf

Various Performance metrics

Test Case amsdkA-118: Dhrystone

Summary:

Measure Dhrystone bechmark

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	2000000 Dhrystone/sec => 1138.303927149

Test Case amsdkA-119: Whetstone

Summary:

Measure Whetstone metric

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	333.3 MIPS

Test Case amsdkA-120: Linpack

Summary:

Measure Linpack metrics

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	33805 Kflops

3.6 Test Suite : adb

Android Debug Bridge performance.

Before running each automated test case, the user MUST set enable in the target and in the host PC, the desire adb connection type (i.e. usb or ethernet).

The test cases do not take care of setting the adb type but instead will use the default adb connectivity available.

Test Case amsdkA-121: adb USB Performance

Summary:

Measure Android Debug bridge performance using USB connection

Test execution engine:	vatf
Test script or logic:	android/performance/adb/adb_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	file_size=20,iterations=10,min_bw=4000
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 4000.0 KB/s. Mean-TX=3372.1 Mean-RX=4528.6
	LOG PATH

Test Case amsdkA-122: adb ethernet Performance

Summary:

Measure Android Debug bridge performance using ethernet connection

Test execution engine:	vatf
Test script or logic:	android/performance/adb/adb_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	
Application parameters:	file_size=20,iterations=10,min_bw=4000
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 4000.0 KB/s. Mean-TX=2124.2 Mean-RX=3030.2
	LOG PATH

3.7 Test Suite : Storage

Read and Write performance tests

3.7.1 Test Suite : USB

Test Case amsdkA-265: USB vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

Summary:

USB vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=USB,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location USB -e fileSize 104857600 -e blkSize 512 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*(\[\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*(\[\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

Test Case amsdkA-266: USB vfat partition write/read test with a block size of 4096 bytes and a file of

Summary:
---- Warning ----
TestLink Warning
test case name is too long (101 chars) > 100 => has been truncated
Original name
USB vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes
---- *** ----

USB vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=USB,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location USB -e fileSize 104857600 -e blkSize 4096 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

Test Case amsdkA-267: USB vfat partition write/read test with a block size of 16384 bytes and a file o

Summary:
---- Warning ----
TestLink Warning
test case name is too long (102 chars) > 100 => has been truncated
Original name
USB vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes
---- *** ----

USB vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=USB,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location USB -e fileSize 104857600 -e blkSize 16384 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

Test Case amsdkA-268: USB vfat partition write/read test with a block size of 65536 bytes and a file o

Summary:
---- Warning ----
TestLink Warning
test case name is too long (102 chars) > 100 => has been truncated
Original name
USB vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes
---- *** ----

USB vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=USB,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location USB -e fileSize 104857600 -e blkSize 65536 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

Test Case amsdkA-269: USB vfat partition write/read test with a block size of 524288 bytes and a file

Summary:
---- Warning ----
TestLink Warning
test case name is too long (103 chars) > 100 => has been truncated
Original name
USB vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes
---- *** ----

USB vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=USB,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location USB -e fileSize 104857600 -e blkSize 524288 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

Test Case amsdkA-270: USB vfat partition write/read test with a block size of 1048576 bytes and a file

Summary:
---- Warning ----
TestLink Warning
test case name is too long (104 chars) > 100 => has been truncated
Original name
USB vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes
---- *** ----

USB vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=USB,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location USB -e fileSize 104857600 -e blkSize 1048576 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

3.7.2 Test Suite : MMC/SD

Test Case amsdkA-277: MMC/SD vfat partition write/read test with a block size of 512 bytes and a file

Summary:
---- Warning ----
TestLink Warning
test case name is too long (103 chars) > 100 => has been truncated
Original name
MMC/SD vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=MMC/SD,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location MMC/SD -e fileSize 104857600 -e blkSize 512 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

Test Case amsdkA-278: MMC/SD vfat partition write/read test with a block size of 4096 bytes and a file

Summary:
---- Warning ----
TestLink Warning
test case name is too long (104 chars) > 100 => has been truncated
Original name
MMC/SD vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=MMC/SD,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location MMC/SD -e fileSize 104857600 -e blkSize 4096 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

Test Case amsdkA-279: MMC/SD vfat partition write/read test with a block size of 16384 bytes and a fil

Summary:
---- Warning ----
TestLink Warning
test case name is too long (105 chars) > 100 => has been truncated
Original name
MMC/SD vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=MMC/SD,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location MMC/SD -e fileSize 104857600 -e blkSize 16384 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

Test Case amsdkA-280: MMC/SD vfat partition write/read test with a block size of 65536 bytes and a fil

Summary:
---- Warning ----
TestLink Warning
test case name is too long (105 chars) > 100 => has been truncated
Original name
MMC/SD vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=MMC/SD,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location MMC/SD -e fileSize 104857600 -e blkSize 65536 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

Test Case amsdkA-281: MMC/SD vfat partition write/read test with a block size of 524288 bytes and a fi

Summary:
---- Warning ----
TestLink Warning
test case name is too long (106 chars) > 100 => has been truncated
Original name
MMC/SD vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=MMC/SD,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location MMC/SD -e fileSize 104857600 -e blkSize 524288 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully LOG PATH

Summary:
---- Warning ----
TestLink Warning
test case name is too long (107 chars) > 100 => has been truncated
Original name
MMC/SD vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes

Test execution engine:	vatf
Test script or logic:	android/performance/StorageIO/storageio_perf.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	device=MMC/SD,file_system=vfat,test_libs=StorageIOTest.apk:com.ti.android.apps.storage.test;StorageIO.apk:com.ti.android.apps.storage,test_option= -e location MMC/SD -e fileSize 104857600 -e blkSize 1048576 -e class com.ti.android.apps.storage.test.StorageIOTest#testIOSpeed com.ti.android.apps.storage.test/com.ti.android.apps.storage.test.StorageIOTestRunner,log_option=StorageIO:I StorageIOTest:I,perf_matches=StorageIOTest.*?(Write\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec);StorageIOTest.*?(Read\s*rate)\s*:\s*([\d\.E\+\-]+)\s*(.*?bytes/sec)
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	StorageIO performance data collected successfully
	LOG PATH

3.8 Test Suite : Database

3.8.1 Test Suite : TestIndex

Run MCObject's Testindex database performance app available at

http://www.mcobject.com/index.cfm?fuseaction=download&pageid=581&sectionid=133

Test Case amsdkA-124: TestIndex Benchmarks

Summary:

Run Testindex benchmark application to measure database performance.

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	SqlLite:

- Inserting 10000 records: 587526 msec

- 20000 Index searches: 16840 msec

- Iter 20000 records: 1030 msec

- DB file length before del: 891904

- Del 10000 records: 559396 sec

- DB file length after del: 8192

Perst:

- Inserting 10000 records: 3053 msec

- 20000 Index searches: 2224 msec

- Iter 20000 records: 1578 msec

- Del 10000 records: 7100 msec

- DB file length 2056192

3.9 Test Suite : Power

This Test Suite Measure power consumption under different scenarios.

It is required to have a Keithley 2000 Multimeter with a scan card with at least 5 channels.

The channels must be connected as described in the attached document.

See test cases for more details.

3.9.1 Test Suite : DVFS-Performance

Test Case amsdkA-315: Idle power performance with FULL_WAKE_LOCK

Summary:	
	Acquire FULL WakeLock and meaure power w/out running any other application
Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlFull com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=performance
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected LOG PATH

Test Case amsdkA-316: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["\<platform\>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlBright com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=performance
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-317: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["\<platform\>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlDim com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=performance
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-318: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlPartial com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=performance
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-319: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlCpu com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=performance
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-320: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlGraphics com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=performance
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected

LOG PATH |

Test Case amsdkA-321: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlVideo com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=performance
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected

LOG PATH |

3.9.2 Test Suite : DVFS-Powersave

Test Case amsdkA-322: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlFull com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=powersave
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-323: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlBright com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=powersave
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-324: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlDim com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=powersave
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-325: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlPartial com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=powersave
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-326: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlCpu com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=powersave
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-327: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlGraphics com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=powersave
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-328: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlVideo com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=powersave
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected LOG PATH

3.9.3 Test Suite : DVFS-userspace

3.9.3.1 Test Suite : 1MHz

Test Case amsdkA-339: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlFull com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=1000000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected LOG PATH

Test Case amsdkA-340: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlBright com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=1000000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-341: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlDim com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=1000000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-342: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlPartial com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=1000000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-343: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlCpu com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=1000000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-344: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlGraphics com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=1000000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-345: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlVideo com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=1000000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

3.9.3.2 Test Suite : 800KHz

Test Case amsdkA-346: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlFull com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=800000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-347: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlBright com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=800000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-348: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlDim com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=800000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-349: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlPartial com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=800000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-350: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlCpu com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=800000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-351: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlGraphics com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=800000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-352: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlVideo com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=800000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected LOG PATH

3.9.3.3 Test Suite : 600KHz

Test Case amsdkA-353: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlFull com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=600000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected LOG PATH

Test Case amsdkA-354: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlBright com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=600000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-355: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlDim com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=600000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-356: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlPartial com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=600000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-357: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlCpu com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=600000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-358: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlGraphics com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=600000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected LOG PATH

Test Case amsdkA-359: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlVideo com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=600000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected LOG PATH

3.9.3.4 Test Suite : 300KHz

Test Case amsdkA-360: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlFull com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=300000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-361: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlBright com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=300000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-362: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlDim com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=300000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-363: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlPartial com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=300000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-364: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlCpu com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=300000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-365: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlGraphics com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=300000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-366: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlVideo com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=userspace,dvfs_freq=300000
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected

LOG PATH |

3.9.4 Test Suite : DVFS-Ondemand(default)

Test Case amsdkA-308: Idle power performance with FULL_WAKE_LOCK

Summary:

Acquire FULL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlFull com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected

LOG PATH |

Test Case amsdkA-309: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

Acquire SCREEN_BRIGHT WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlBright com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-310: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

Acquire SCREEN_DIM WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlDim com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-311: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power w/out running any other application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlPartial com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-312: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlCpu com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-313: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlGraphics com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected LOG PATH

Test Case amsdkA-314: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	test_libs=PowerControllerTest.apk:com.ti.android.apps.powercontroller.test;PowerController.apk:com.ti.android.apps.powercontroller,test_option=-e mtime 60 -e class com.ti.android.apps.powercontroller.test.PowerControllerTest#testPowerCtrlVideo com.ti.android.apps.powercontroller.test/com.ti.android.apps.powercontroller.test.TiTestRunner,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected LOG PATH

3.9.5 Test Suite : CPU Idle

Test Case amsdkA-335: SUSPEND MODE power consumption sleep_while_idle disabled and enable_off_mode disabled

Summary:

Measure power while system is in SUSPEND mode

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	bypass_dut=yes,bypass_dut_wait=30,disabled_cpu_idle_modes=sleep_while_idle;enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-336: SUSPEND MODE power consumption sleep_while_idle enabled and enable_off_mode enabled

Summary:

Measure power while system is in SUSPEND mode

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	bypass_dut=yes,bypass_dut_wait=30,enabled_cpu_idle_modes=enable_off_mode;sleep_while_idle,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-337: SUSPEND MODE power consumption sleep_while_idle disabled and enable_off_mode enabled

Summary:

Measure power while system is in SUSPEND mode

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	bypass_dut=yes,bypass_dut_wait=30,disabled_cpu_idle_modes=sleep_while_idle,enabled_cpu_idle_modes=enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

Test Case amsdkA-338: SUSPEND MODE power consumption sleep_while_idle enabled and enable_off_mode disabled

Summary:

Measure power while system is in SUSPEND mode

Test execution engine:	vatf
Test script or logic:	android/performance/power/power_perf.rb
Required hardware assets:	dut1 = ["<platform>",android_power]; server1 = ["linux_server"]; multimeter1 =["multimeter"]
DUT parameters:	bypass_dut=yes,bypass_dut_wait=30,enabled_cpu_idle_modes=sleep_while_idle,disabled_cpu_idle_modes=enable_off_mode,dvfs_governor=ondemand
Application parameters:	loop_count=100
Test Equipment parameters:	sample_count=5,timeout=2
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Power Performance data collected
	LOG PATH

3.10 Test Suite : WLAN

Measure wireless LAN performance using NETPERF.

The Setup involves connecting the DUT to an access point that has a Linux system connected to it via Ethernet swicth. Netserver is run at the Linux Host, while netperf is run at the DUT.

More information about NETPERF is available at http://www.netperf.org/netperf/NetperfPage.html

3.10.1 Test Suite : Non-secure

Test Case amsdkA-292: WLAN Non-secure, TCP Stream, Buffer size 1024

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-open,auth_alg=OPEN,key_mgmt=NONE
Application parameters:	time=60,buffer_size=1024,port_number=22115,ip_version=4,min_bw=6,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 6.0 Mb/s. AVG Throughput=5.58 Buffer Size Throughput 1024 5.58
	LOG PATH

Test Case amsdkA-293: WLAN Non-secure, TCP Stream, Buffer size 4096

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-open,auth_alg=OPEN,key_mgmt=NONE
Application parameters:	time=60,buffer_size=4096,port_number=22115,ip_version=4,min_bw=11,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 11.0 Mb/s. AVG Throughput=9.68 Buffer Size Throughput 4096 9.68
	LOG PATH

Test Case amsdkA-294: WLAN Non-secure, TCP Stream, Buffer size 8192

Summary:

WLAN Non-secure test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-open,auth_alg=OPEN,key_mgmt=NONE
Application parameters:	time=60,buffer_size=8192,port_number=22115,ip_version=4,min_bw=14,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 15.86
	LOG PATH

3.10.2 Test Suite : WEP 40 bits

Test Case amsdkA-295: WLAN WEP 40 bits, TCP Stream, Buffer size 1024

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wep40,auth_alg=OPEN,wep_key0=0123456789,key_mgmt=NONE
Application parameters:	time=60,buffer_size=1024,port_number=22115,ip_version=4,min_bw=8,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 8.0 Mb/s. AVG Throughput=5.39 Buffer Size Throughput 1024 5.39
	LOG PATH

Test Case amsdkA-296: WLAN WEP 40 bits, TCP Stream, Buffer size 4096

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wep40,auth_alg=OPEN,wep_key0=0123456789,key_mgmt=NONE
Application parameters:	time=60,buffer_size=4096,port_number=22115,ip_version=4,min_bw=11,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 11.0 Mb/s. AVG Throughput=9.93 Buffer Size Throughput 4096 9.93
	LOG PATH

Test Case amsdkA-297: WLAN WEP 40 bits, TCP Stream, Buffer size 8192

Summary:

WLAN WEP 40 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wep40,auth_alg=OPEN,wep_key0=0123456789,key_mgmt=NONE
Application parameters:	time=60,buffer_size=8192,port_number=22115,ip_version=4,min_bw=14,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 15.21
	LOG PATH

3.10.3 Test Suite : WEP 128 bits

Test Case amsdkA-298: WLAN WEP 128 bits, TCP Stream, Buffer size 1024

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wep128,auth_alg=OPEN,wep_key0=12345678901234567890123456,key_mgmt=NONE
Application parameters:	time=60,buffer_size=1024,port_number=22115,ip_version=4,min_bw=8,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 8.0 Mb/s. AVG Throughput=5.43 Buffer Size Throughput 1024 5.43
	LOG PATH

Test Case amsdkA-299: WLAN WEP 128 bits, TCP Stream, Buffer size 4096

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wep128,auth_alg=OPEN,wep_key0=12345678901234567890123456,key_mgmt=NONE
Application parameters:	time=60,buffer_size=4096,port_number=22115,ip_version=4,min_bw=11,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 11.0 Mb/s. AVG Throughput=9.88 Buffer Size Throughput 4096 9.88
	LOG PATH

Test Case amsdkA-300: WLAN WEP 128 bits, TCP Stream, Buffer size 8192

Summary:

WLAN WEP 128 bits test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wep128,auth_alg=OPEN,wep_key0=12345678901234567890123456,key_mgmt=NONE
Application parameters:	time=60,buffer_size=8192,port_number=22115,ip_version=4,min_bw=14,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 15.67 LOG PATH

3.10.4 Test Suite : WPA-PSK

Test Case amsdkA-301: WLAN WPA-PSK, TCP Stream, Buffer size 1024

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wpa-psk,psk=q1w2e3r4,key_mgmt=WPA-PSK
Application parameters:	time=60,buffer_size=1024,port_number=22115,ip_version=4,min_bw=8,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 8.0 Mb/s. AVG Throughput=5.23 Buffer Size Throughput 1024 5.23
	LOG PATH

Test Case amsdkA-302: WLAN WPA-PSK, TCP Stream, Buffer size 4096

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wpa-psk,psk=q1w2e3r4,key_mgmt=WPA-PSK
Application parameters:	time=60,buffer_size=4096,port_number=22115,ip_version=4,min_bw=11,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 11.0 Mb/s. AVG Throughput=9.7 Buffer Size Throughput 4096 9.7
	LOG PATH

Test Case amsdkA-303: WLAN WPA-PSK, TCP Stream, Buffer size 8192

Summary:

WLAN WPA-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wpa-psk,psk=q1w2e3r4,key_mgmt=WPA-PSK
Application parameters:	time=60,buffer_size=8192,port_number=22115,ip_version=4,min_bw=14,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 15.4
	LOG PATH

3.10.5 Test Suite : WPA2-PSK

Test Case amsdkA-304: WLAN WPA2-PSK, TCP Stream, Buffer size 1024

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wpa2-psk,psk=psk12345,key_mgmt=WPA-PSK
Application parameters:	time=60,buffer_size=1024,port_number=22115,ip_version=4,min_bw=8,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 8.0 Mb/s. AVG Throughput=5.35 Buffer Size Throughput 1024 5.35
	LOG PATH

Test Case amsdkA-305: WLAN WPA2-PSK, TCP Stream, Buffer size 4096

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wpa2-psk,psk=psk12345,key_mgmt=WPA-PSK
Application parameters:	time=60,buffer_size=4096,port_number=22115,ip_version=4,min_bw=11,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Performance is less than 11.0 Mb/s. AVG Throughput=9.47 Buffer Size Throughput 4096 9.47
	LOG PATH

Test Case amsdkA-306: WLAN WPA2-PSK, TCP Stream, Buffer size 8192

Summary:

WLAN WPA2-PSK test, measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Test execution engine:	vatf
Test script or logic:	android/performance/wlan/wlan.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"];ap1 = ["access_point"]
DUT parameters:	test_sequence=remove_all;add;select;test,ssid=gtaccess-wpa2-psk,psk=psk12345,key_mgmt=WPA-PSK
Application parameters:	time=60,buffer_size=8192,port_number=22115,ip_version=4,min_bw=14,cpu_load_samples=10,wlan_comp=tiwlan;ti_sdio_drv
Test Equipment parameters:	
test case approver:	
Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 15.0
	LOG PATH

4 Test Suite : Stress

4.1 Test Suite : Monkey

Monkey tool

Test Case amsdkA-307: Monkey System Stress

Summary:

Stress Test the system using the monkey tool

Test execution engine:	vatf
Test script or logic:	android/ui/ui.rb
Required hardware assets:	dut1 = ["<platform>",android]; server1 = ["linux_server"]
DUT parameters:	black_list=com.android.providers.telephony;com.android.phone;com.android.camera,event_count=5000000
Application parameters:	
Test Equipment parameters:	
test case approver:	
Last Result:	**Failed**
Build	2011-03-17
Tester	gt_amsdk_lead
Testing notes	Crash(es) reported for [["com.android.spare_parts", "pid 20173", "android.content.ActivityNotFoundException:"]] No response(s) reported [["com.android.launcher", "pid 1101", "com.android.launcher/com.android.launcher2.Launcher", "keyDispatchingTimedOut"]]
	LOG PATH

5 Test Suite : Documentation

Test Case amsdkA-54: DevKit Users Guide

Summary:

Verify that a DevKit Users Guide document is provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-55: Release Notes

Summary:

Verify that a Release Notes are provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-56: Porting Guide

Summary:

Verify that an Android Rowboat Porting Guide document is provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-57: CTS Report

Summary:

Verify that a CTS report is provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-58: DevKit Test Report

Summary:

Verify that a DevKit Test Report is provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-59: Android Rowboat Manifest

Summary:

Verify that an Android Rowboat Manifest document t is provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-60: Datasheet

Summary:

Verify that a Datasheet document is provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-72: Eclipse Setup

Summary:

Verify that procedure to setup Eclipse for Android development is provided or referenced in the DevKit documentation

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-73: ADB over Ethernet Setup

Summary:

Verify that the procedure to setup Android Debug Bridge (ADB) over Ethernet is provided or referenced in the DevKit documentation

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-74: ADB over USB Setup

Summary:

Verify that the procedure to setup Android Debug Bridge (ADB) over USB is provided or referenced in the DevKit documentation

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-75: ADB .apk File Download

Summary:

Verify that procedure to download .apk files using ADB is documented

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-76: Eclipse APK File Download

Summary:

Verify that procedure to download .apk files using Eclipse is documented

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-78: DevKit Developers Guide

Summary:

Verify that a DevKit Developers Guide document is provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-81: Document Format

Summary:

Verify that all documents follow consistent template for same/similar information

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-82: Packages List

Summary:

Verify that the DevKit includes a list of packages contained in each filesystem image.

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-83: PinMux Utility Usage

Summary:

Verify that the procedure to use the PinMux utility is provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-84: Serial Flash Utility Usage

Summary:

Verify that the procedure to use the Serial Flash utility is provided

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

6 Test Suite : Kitting

Test Case amsdkA-51: Review DevKit components with the legal team

Summary:

All components in the DevKit shall be reviewed by the legal team to identify any possible incompatibility.

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-52: Review SW Manifest with OSRB

Summary:

Software manifests shall be reviewed and approved by the OSRB

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-53: DevKit Content

Summary:

Devkit content should be complete (see expected results section)

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-77: Android Devkit apk file

Summary:

Verify that Android Package (.apk) file is provided for the DevKit

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-79: Download Page

Summary:

Verify that the DevKit installer is distributed from TI's download page and that md5 checksums are provided for all the downloadable files

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-80: arowboat.org Download Link

Summary:

Verify that a link to TI's product download page is provided on arowboat.org

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

7 Test Suite : Tools

Validate tools provided with the SDK such as flash and pin mux utilities.

Test Case amsdkA-61: Pinmux Utility

Summary:

Verify that a PinMux Utility is provided and it works

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-62: Flashing Utility

Summary:

Verify that a Flashing Utility is provided and the primary/secondary bootloaders can be flashed to the DUT

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-63: Bootable-MMC/SD-Card-Generation script

Summary:

Verify that a script to generate a bootable MMC/SD card is provided and works fine.

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-291: Fastboot utility

Summary:

Validate fastboot

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

8 Test Suite : Functionality

Functional Test cases

8.1 Test Suite : SGX SDK

Test Cases to validate functionality of Graphics Acceleration SDK

Test Case amsdkA-69: SGX Demos

Summary:

Validate that Graphics Demo Application(s) is provided and runs fine.

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

8.2 Test Suite : System

Test Case amsdkA-70: System boot

Summary:

Verify that DUT boots fine w/ provided x-loader, u-boot, uImage and root filesystem

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-71: System boot w/ console

Summary:

Verify that DUT boots fine w/ provided x-loader, u-boot, uImage and root filesystem and upon booting the Android console is available in the UART port

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-86: OOB Demos

Summary:

Validate that the system provides icons to Demo Apps in the wallpaper upon booting

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

Test Case amsdkA-87: RootFS over NFS

Summary:

Validate that the DUT boots fine when using root filesystem over NFS

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result:	**Passed**
Build	2011-03-17
Tester	gt_amsdk_lead

8.3 Test Suite : Video

Test Case amsdkA-283: VRFB

Summary:

Test VRFB functionality.

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Passed**

Build   2011-03-17

Tester   gt_amsdk_lead

Test Case amsdkA-290: S-Video output

Summary:

Check the S-Video output

Test execution engine:

Test script or logic:

Required hardware assets:

DUT parameters:

Application parameters:

Test Equipment parameters:

test case approver:

Last Result: **Failed**

Build   2011-03-17

Tester   gt_amsdk_lead

Testing notes   video displayed is not clear