# testreport AM335x-EVM_JB_4.2.2_PG2.1

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Keypad contains HOME, BACK, POWER and MENU Keys.

Gallery will be part of Android DevKit core applications

Launcher will be part of Android DevKit core applications

Global Search will be part of Android DevKit core applications

Settings application helps to configure Sound, Display and various OOBE settings

Control/informative

Hardware Volume Controls

IO

Android DevKit supports Touchscreen

Android DevKit supports Mouse

Processor Speed

Android DevKit supports Cortex A8 ARM up to Maximum Frequancy

Android DevKit supports SGX up to Maximum Frequancy

# 1 Test Suite : Compliance

**Test Case amsdkA-403: Google's Compliance Test Suite(CTS) Automated**

Summary:

This is to verify  platform MUST pass the most recent version of the Android Compatibility Test Suite (CTS) available at the time of the device implementation's software is completed.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1072: Google's CTS Verifier**

Summary:

This is to verify  platform MUST pass the most recent version of the Android CTS Verifier available at the time of the device implementation's software is completed.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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 : Development Tools

**Test Case amsdkA-14: ADB USB**

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**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)

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

## 2.2 Test Suite : Multimedia

## 2.2.1 Test Suite : Audio

# 2.2.1.1 Test Suite : Encode

**Test Case amsdkA-1029: Audio-In**

Summary:

Verify Audio in functionality on the board.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 2.2.1.2 Test Suite : Decode

**Test Case amsdkA-28: AAC LC/LTP**

Summary:

Mono/Stereo content in any combination of standard bit rates up to 160 kbps and sampling rates between 8 to 48kHz. File Fortmat is 3GPP (.3gp) and MPEG-4 (.mp4, .m4a). No support for raw AAC (.aac)

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-29: HE-AACv1 (AAC+)**

Summary:

Mono/Stereo content in any combination of standard bit rates up to 160 kbps and sampling rates between 8 to 48kHz. File Fortmat is 3GPP (.3gp) and MPEG-4 (.mp4, .m4a). No support for raw AAC (.aac)

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-30: HE-AACv2(enhanced AAC+)**

Summary:

Mono/Stereo content in any combination of standard bit rates up to 160 kbps and sampling rates between 8 to 48kHz. File Fortmat is 3GPP (.3gp) and MPEG-4 (.mp4, .m4a). No support for raw AAC (.aac)

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-31: AMR-NB**

Summary:

4.75 to 12.2 kbps, sampled @ 8kHz, in a 3GPP (.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-32: AMR WB**

Summary:

9 rates from 6.60 kbit/s to 23.85 kbit/s sampled @ 16kHz using 3GPP (.3gp) file format

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-33: MP3**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-34: MIDI**

Summary:

MIDI Type 0 and 1. DLS Version 1 and 2. XMF and Mobile XMF. Support for ringtone formats RTTTL/RTX, OTA and iMelody. File formats: Type 0 and 1 (.mid, .xmf, .mxmf). Also RTTTL/RTX (.rtttl, .rtx), OTA (.ota), and iMelody (.imy)

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-35: Ogg Vorbis**

Summary:

Ogg Vorbis files in a Ogg (.ogg) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-36: PCM**

Summary:

8- and 16-bit linear PCM (rates up to limit of hardware) in a Wave (.wav) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

## 2.2.2 Test Suite : Image

# 2.2.2.1 Test Suite : Decode

**Test Case amsdkA-39: JPEG**

Summary:

Display JPEG files using the Gallery app.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-40: PNG**

Summary:

Display PNG image with Galllery app.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-41: GIF**

Summary:

Display GIF image with Gallery app.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-42: BMP**

Summary:

Display BMP Image with Gallery app.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

## 2.2.3 Test Suite : Video

# 2.2.3.1 Test Suite : Decode

**Test Case amsdkA-44: H.263**

Summary:

H.263 files in 3GPP (.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-45: H.264**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-46: MPEG4 SP**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-772: MPEG4_352x288_15mbps_aac**

Summary:

H.264 files in 3GPP (.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |

| | |
|---|---|
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-774: H.264_704x576_4mbps_aac**

Summary:

H.264 files in mpeg4 (.mp4) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-775: H.264_640x360_4mbps_aac**

Summary:

H.264 files in mpeg4 (.mp4) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-776: H.264_352x288_4mbps_aac**

Summary:

H.264 files in 3GPP(.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-777: H.263_352x288_4mbps_aac**

Summary:

H.263 files in 3GPP (.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-779: MPEG4_176x144_15mbps_aac**

Summary:

H.264 files in 3GPP (.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-780: MPEG4_640x360_15mbps_aac**

Summary:

MPEG4 files in 3GPP (.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-781: MPEG4_704x576_15mbps_aac**

Summary:

MPEG4 files in 3GPP (.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

**Test Case amsdkA-782: MPEG4_720x480_15mbps_aac**

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

**Test Case amsdkA-784: H.264_720x480_4mbps_aac**

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

**Test Case amsdkA-787: MPEG4_BigBuckBunny**

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

# 2.3 Test Suite : Reference Software

### Test Case amsdkA-1536: SDK's Calculator App

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-1537: SDK's LunarLander App

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-1539: SDK's ApiDemos App

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-1540: Dalvik's Unit Tests

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-1542: Apps for android Amazed App

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

Last Result: **Passed**

| | |
|---|---|
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-1543: Apps for android AndroidGlobalTime App

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-1544: Apps for android AnyCut App

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-1545: Apps for android Clickin2DaBeat App

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-1546: Apps for android DivideAndConquer App

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1547: Apps for android HeightMapProfiler App**

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1548: Apps for android LOLcat Builder App**

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1549: Apps for android Panoramio App**

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1550: Apps for android Photostream App**

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1551: Apps for android Radar App**

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1552: Apps for android RingsExtended App**

Summary:

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1553: Apps for android Samples App**

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1554: Apps for android SpriteMethodTest App**

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1555: Apps for android Translate App**

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1556: Apps for android WebViewDemo App**

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

| | |
|---|---|
| Last Result: | **Passed** |

| | |
|---|---|
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-1557: Apps for android WikiNotes App

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-1558: Replica Island

Summary:

Run Replica Island Game

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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-117: Boot time**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | firt time 118 seconds |
| | second time 47 seconds. |

**Test Case amsdkA-593: Quadrant Benchmark**

Summary:

Install and run aurorasoftworks Quadrant benchamrk

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 3.2 Test Suite : 0xBench

**Test Case amsdkA-89: 0xBench Math Linpack test**

Summary:

0xBench Math Linpack test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | MathLinpack performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

**Test Case amsdkA-90: 0xBench Math Scimark2 test**

Summary:

0xBench Math Scimark2 test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | MathScimark2 performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench 2D Draw Canvas test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawCanvas performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench 2D Draw Circle test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawCircle performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Circle2 test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawCircle2 performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Rect test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawRect performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Arc test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawArc performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Image test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawImage performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench2D Draw Text test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawText performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 3D OpenGL Cube test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | |

| | |
|---|---|
| | 3DOpenGLCube performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench 3D OpenGL Blending test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 3DOpenGLBlending performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench 3D OpenGL Fog test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 3DOpenGLFog performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench 3D OpenGL Flying Teapot test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 3DOpenGLTeapot performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench VM Garbage Collection test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | VMGC performance data collected successfullyPerformance data was NOT compared<br><br>LOG PATH |

# 3.3 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |
| | LOG PATH |

**Test Case amsdkA-115: Sunspider test**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |
| | LOG PATH |

**Test Case amsdkA-263: Kraken test**

Summary:

Measure Browser Javascript performance by running http://krakenbenchmark.mozilla.org/index.html tests

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

# 3.4 Test Suite : RowboPerf

Various Performance metrics

### Test Case amsdkA-118: Dhrystone

Summary:

Measure Dhrystone bechmark

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-119: Whetstone

Summary:

Measure Whetstone metric

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-120: Linpack

Summary:

Measure Linpack metrics

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 3.5 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-122: adb ethernet Performance

Summary:

Measure Android Debug bridge performance using ethernet connection

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 3.6 Test Suite : Storage

Read and Write performance tests

# 3.6.1 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared<br><br>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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared<br><br>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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |
| | 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |
| | 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |
| | 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

**Test Case amsdkA-888: USB vfat partition write/read test with a block size of 102400 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 102400 bytes and a file of size 104857600

bytes
---- *** ----

USB vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

**Test Case amsdkA-889: USB vfat partition write/read test with a block size of 262144 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 262144 bytes and a file of size 104857600 bytes
---- *** ----

USB vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

**Test Case amsdkA-890: USB vfat partition write/read test with a block size of 5242880 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 5242880 bytes and a file of size 104857600 bytes
---- *** ----

USB vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |

LOG PATH

# 3.6.2 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared<br><br>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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared<br><br>LOG PATH |

**Test Case amsdkA-282: MMC/SD vfat partition write/read test with a block size of 1048576 bytes and a f**

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared<br><br>LOG PATH |

**Test Case amsdkA-891: MMC/SD vfat partition write/read test with a block size of 5242880 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 5242880 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared<br><br>LOG PATH |

**Test Case amsdkA-892: MMC/SD vfat partition write/read test with a block size of 102400 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 102400 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared<br><br>LOG PATH |

**Test Case amsdkA-893: MMC/SD vfat partition write/read test with a block size of 262144 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 262144 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

# 3.7 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.

# 3.7.1 Test Suite : DVFS-Conservative

**Test Case amsdkA-1518: Idle power performance with FULL_WAKE_LOCK**

Summary:

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 247.8515247900616 > 196.47385127272727 + 15.483005246196885 \|\| min-> 206.8960497841741 < 196.47385127272727 - 15.483005246196885, VDD_MPU_Power out of expected range: max-> 71.19932075961614 > 52.554140545454544 + 9.787535292881413 \|\| min-> 46.64826316669989 < 52.554140545454544 - 9.787535292881413, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.401455447100585 > 2.2119962045454544 + 0.07397907553905665 \|\| min-> 2.246968134217058 < 2.2119962045454544 - 0.07397907553905665, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 2.9744305660150596 > 2.436383840909091 + 0.3567801508998395 \|\| min-> 2.703540493497363 < 2.436383840909091 - 0.3567801508998395, VDDS_OSC_Power out of expected range: max-> 1.2386892396696725 > 1.2421185113636364 + 0.004928369720650219 \|\| min-> 1.2348593442229774 < 1.2421185113636364 - 0.004928369720650219, VDDA_1P8V_USB0_1_Power out of expected range: max-> 33.09299005000516 > 32.85458197727273 + 0.0487498520601944 \|\| min-> 32.801634929060015 < 32.85458197727273 - 0.0487498520601944, VDDSHV2_Power out of expected range: max-> 32.61766804827015 > 4.545303943181818 + 5.495509429745232 \|\| min-> 2.454350703615197 < 4.545303943181818 - 5.495509429745232, VDDSHV3_Power out of expected range: max-> 0.18052177310630332 > 0.17263002272727274 + 0.0048907868816083395 \|\| min-> 0.1627276072322333 < 0.17263002272727274 - 0.0048907868816083395, VDDSHV4_Power out of expected range: max-> 0.07723265607556042 > 0.07675222727272728 + 0.006523532612078838 \|\| min-> 0.06037725739095461 < 0.07675222727272728 - 0.006523532612078838, VDDSHV6_Power out of expected range: max-> 63.63493312250727 > 39.573646693181814 + 3.793757147329297 \|\| min-> 37.95716541113402 < 39.573646693181814 - 3.793757147329297, Total_Power out of expected range: max-> 643.7410388728513 > 508.8577456931818 + 42.726718046700405 \|\| min-> 535.8792884570823 < 508.8577456931818 - 42.726718046700405<br><br>LOG PATH |

**Test Case amsdkA-1519: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK**

Summary:

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 244.57597175373488 > 180.3103438974359 + 0.14802648656575407 \|\| min-> 206.86704887732225 < 180.3103438974359 - 0.14802648656575407, VDD_MPU_Power out of expected range: max-> 58.537156874819914 > 55.80862033333333 + 0.2710999089611301 \|\| min-> 46.82767422051012 < 55.80862033333333 - 0.2710999089611301, VDDS_RTC_Power out of expected range: max-> 0.7718612401059084 > 0.796961923076923 + 0.00023132659580498048 \|\| min-> 0.7705218138673423 < 0.796961923076923 - 0.00023132659580498048, VDDS_DDR_Power out of expected range: max-> 161.74182070881687 > 48.335715743589745 + 0.5656602253521807 \|\| min-> 155.8239937683225 < 48.335715743589745 - 0.5656602253521807, VDDS_Power out of expected range: max-> 2.5313180817386294 > 3.271666564102564 + 0.08754034257950472 \|\| min-> 1.6357588051182175 < 3.271666564102564 - 0.08754034257950472, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.3913513562236854 > 2.1097755128205127 + 0.005083861500506735 \|\| min-> 2.2459089149090508 < 2.1097755128205127 - 0.005083861500506735, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.664641621768382 > 2.0021681025641027 + 0.01129936411758318 \|\| min-> 2.706962248497612 < 2.0021681025641027 - 0.01129936411758318, VDDS_PLL_DDR_Power out of expected range: max-> 1.9939980911185977 > 1.8672397435897437 + 0.0002211451914019412 \|\| min-> 1.992693035000162 < 1.8672397435897437 - 0.0002211451914019412, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.718817719909824 > 14.552515897435898 + 0.0010277740799943772 \|\| min-> 13.708491795017409 < 14.552515897435898 - 0.0010277740799943772, VDDS_PLL_MPU_Power out of expected range: max-> 2.0143777329848715 > 1.913794128205128 + 9.720507380737518e-05 \|\| min-> 2.011631244665462 < 1.913794128205128 - 9.720507380737518e-05, VDDS_OSC_Power out of expected range: max-> 1.2387189786812032 > 1.248279358974359 + 0.00016514618519972832 \|\| min-> 1.2356645836629156 < 1.248279358974359 - 0.00016514618519972832, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.941831914864224 > 32.9818408974359 + 0.08417769937877026 \|\| min-> 32.80223037294989 < 32.9818408974359 - 0.08417769937877026, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.458996752067437 > 11.123857128205128 + 0.0012676119189891375 \|\| min-> 10.45071341890344 < 11.123857128205128 - 0.0012676119189891375, VDDA_ADC_Power out of expected range: max-> 0.7993921724809735 > 0.9020126153846153 + 0.0004708836383959443 \|\| min-> 0.7978086352783235 < |

0.9020126153846153 - 0.0004708836383959443, VDDSHV1_Power out of expected range: max-> 0.4200748360590623 > 0.6247019743589743 + 0.0029570880412136953 || min-> 0.4051276363309893 < 0.6247019743589743 - 0.0029570880412136953, VDDSHV2_Power out of expected range: max-> 33.361341216854086 > 5.267567307692308 + 4.603017193269504 || min-> 2.4271465270399655 < 5.267567307692308 - 4.603017193269504, VDDSHV3_Power out of expected range: max-> 0.17761402964404954 > 0.17654784615384617 + 0.0028721105346196365 || min-> 0.16180644120358495 < 0.17654784615384617 - 0.0028721105346196365, VDDSHV4_Power out of expected range: max-> 5.668832159314167 > 0.08302238461538461 + 0.003324797018856624 || min-> 0.06714079581080258 < 0.08302238461538461 - 0.003324797018856624, VDDSHV5_Power out of expected range: max-> 14.233256205219265 > 57.7528252051282 + 0.004974171310579652 || min-> 14.189150204966882 < 57.7528252051282 - 0.004974171310579652, VDDSHV6_Power out of expected range: max-> 63.59702817777453 > 39.87854576923077 + 0.58982570849585 || min-> 37.895958271279575 < 39.87854576923077 - 0.58982570849585, Total_Power out of expected range: max-> 641.0687094438832 > 461.0080022820513 + 5.7789919890844175 || min-> 535.8650437405977 < 461.0080022820513 - 5.7789919890844175

LOG PATH

**Test Case amsdkA-1520: Idle power performance with SCREEN_DIM_WAKE_LOCK**

Summary:

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 208.446254594387 > 180.4458773157895 + 0.22910595519291332 || min-> 207.0480426281988 < 180.4458773157895 - 0.22910595519291332, VDD_MPU_Power out of expected range: max-> 47.791863729075075 > 55.928821078947365 + 0.38445849336817955 || min-> 46.93379299050902 < 55.928821078947365 - 0.38445849336817955, VDDS_RTC_Power out of expected range: max-> 0.7723361574427758 > 0.7971779736842105 + 0.0004813933597534877 || min-> 0.7709588858572658 < 0.7971779736842105 - 0.0004813933597534877, VDDS_DDR_Power out of expected range: max-> 159.98904406637874 > 48.20534963157895 + 0.2675716673274695 || min-> 151.99061054521678 < 48.20534963157895 - 0.2675716673274695, VDDS_Power out of expected range: max-> 1.6462796973961769 > 3.237313447368421 + 0.08166120725925295 || min-> 1.6250763586449948 < 3.237313447368421 - 0.08166120725925295, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.453824707968315 > 2.1261572631578947 + |

0.031056229820848325 || min-> 2.271603043632973 < 2.1261572631578947 - 0.031056229820848325, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.78957417804746 > 2.0206269210526315 + 0.03912320969387097 || min-> 2.7387213051845007 < 2.0206269210526315 - 0.03912320969387097, VDDS_PLL_DDR_Power out of expected range: max-> 1.9953866263841356 > 1.8678980789473683 + 0.0007734314513266479 || min-> 1.993613805414994 < 1.8678980789473683 - 0.0007734314513266479, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.71898421626583 > 14.554597631578947 + 0.0031138217897238303 || min-> 13.713037083002753 < 14.554597631578947 - 0.0031138217897238303, VDDS_PLL_MPU_Power out of expected range: max-> 2.0158605833471572 > 1.9142935 + 0.0006584706783797209 || min-> 2.0135273939905427 < 1.9142935 - 0.0006584706783797209, VDDS_OSC_Power out of expected range: max-> 1.237918666746216 > 1.2480988157894737 + 0.0007737054876336765 || min-> 1.2351789838341338 < 1.2480988157894737 - 0.0007737054876336765, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.978584749328725 > 32.95372689473684 + 0.05998139119355799 || min-> 32.8374748999042 < 32.95372689473684 - 0.05998139119355799, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.455951465740915 > 11.123777684210527 + 0.0015265742924557403 || min-> 10.448751333625564 < 11.123777684210527 - 0.0015265742924557403, VDDA_ADC_Power out of expected range: max-> 0.8001488247377455 > 0.9020538684210526 + 0.0005477652717976507 || min-> 0.7975022358583411 < 0.9020538684210526 - 0.0005477652717976507, VDDSHV1_Power out of expected range: max-> 0.4210880677202135 > 0.6252894473684211 + 0.003093438428015265 || min-> 0.40844680835978503 < 0.6252894473684211 - 0.003093438428015265, VDDSHV2_Power out of expected range: max-> 32.7855943797067 > 4.018632052631579 + 4.226117725721608 || min-> 2.265809795856877 < 4.018632052631579 - 4.226117725721608, VDDSHV3_Power out of expected range: max-> 0.1810735273424548 > 0.17736242105263159 + 0.003396026045099557 || min-> 0.161966804026544 < 0.17736242105263159 - 0.003396026045099557, VDDSHV4_Power out of expected range: max-> 1.8508699325088722 > 0.0832582105263158 + 0.002817294266048305 || min-> 0.06985193117982198 < 0.0832582105263158 - 0.002817294266048305, VDDSHV5_Power out of expected range: max-> 14.297634679923132 > 57.76279744736843 + 0.01975667040057216 || min-> 14.166609957917851 < 57.76279744736843 - 0.01975667040057216, VDDSHV6_Power out of expected range: max-> 62.7557062654242 > 39.46406034210526 + 0.7564886158310727 || min-> 37.523793023937486 < 39.46406034210526 - 0.7564886158310727, Total_Power out of expected range: max-> 589.3473571757476 > 459.45717005263157 + 5.5822235123151955 || min-> 536.1410911104462 < 459.45717005263157 - 5.5822235123151955

LOG PATH

**Test Case amsdkA-1521: Idle power performance with PARTIAL_WAKE_LOCK**

Summary:

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 267.93415095483175 > 180.42914962162163 + 0.1772513346958788 \|\| min-> 207.1772873024509 < 180.42914962162163 - 0.1772513346958788, VDD_MPU_Power out of expected range: max-> 52.21268627941523 > 55.8299432972973 + 0.2951338472731295 \|\| min-> 46.784646297796 < 55.8299432972973 - 0.2951338472731295, VDDS_RTC_Power out of expected range: max-> 0.7726785146327297 > 0.797164945945946 + 0.0006833604647529054 \|\| min-> 0.7711307229903094 < 0.797164945945946 - 0.0006833604647529054, VDDS_DDR_Power out of expected range: max-> 160.5359207996932 > 48.17800583783784 + 0.2629655185860111 \|\| min-> 156.24458908520188 < 48.17800583783784 - 0.2629655185860111, VDDS_Power out of expected range: max-> 2.524130099329845 > 3.246113054054054 + 0.07110369796112057 \|\| min-> 1.6416523817886377 < 3.246113054054054 - 0.07110369796112057, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.4472036880463355 > 2.114547783783784 + 0.041304019685418594 \|\| min-> 2.2765167926366456 < 2.114547783783784 - 0.041304019685418594, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 2.9447757333850006 > 2.007662648648649 + 0.041993882219919086 \|\| min-> 2.7459147080831925 < 2.007662648648649 - 0.041993882219919086, VDDS_PLL_DDR_Power out of expected range: max-> 1.9956784603908786 > 1.86745727027027 + 0.0008286106898876306 \|\| min-> 1.9938004203522743 < 1.86745727027027 - 0.0008286106898876306, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.72353106463622 > 14.553856108108107 + 0.0033259331200575174 \|\| min-> 13.714742757329274 < 14.553856108108107 - 0.0033259331200575174, VDDS_PLL_MPU_Power out of expected range: max-> 2.016101586504651 > 1.9141191081081081 + 0.0008736750375231444 \|\| min-> 2.013751289759822 < 1.9141191081081081 - 0.0008736750375231444, VDDS_OSC_Power out of expected range: max-> 1.2371961273121053 > 1.2484535135135135 + 0.0009053857869773817 \|\| min-> 1.2351069290379357 < 1.2484535135135135 - 0.0009053857869773817, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.95848032414041 > 32.91460327027027 + 0.0628971264167727 \|\| min-> 32.84744889868277 < 32.91460327027027 - 0.0628971264167727, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.455914610714538 > 11.125402486486486 + 0.00147201837662386 \|\| min-> 10.4464071877996 < 11.125402486486486 - 0.00147201837662386, VDDA_ADC_Power out of expected range: max-> 0.7993777014866905 > 0.9020902432432433 + 0.00044542981161714595 \|\| min-> 0.7969718317084382 < 0.9020902432432433 - 0.00044542981161714595, |

VDDSHV1_Power out of expected range: max-> 0.4207925304379915 > 0.6266402702702702 + 0.0028768810140984047 || min-> 0.4060220721231529 < 0.6266402702702702 - 0.0028768810140984047, VDDSHV2_Power out of expected range: max-> 32.790697003365324 > 3.9708677027027024 + 4.002412499711215 || min-> 2.5624201077969326 < 3.9708677027027024 - 4.002412499711215, VDDSHV3_Power out of expected range: max-> 0.1771127504747 5708 > 0.17747567567567568 + 0.002704051015030906 || min-> 0.164882142180172 < 0.17747567567567568 - 0.002704051015030906, VDDSHV4_Power out of expected range: max-> 0.08183619564851705 > 0.08308172972972973 + 0.002675863564125383 || min-> 0.06547868505112338 < 0.08308172972972973 - 0.002675863564125383, VDDSHV5_Power out of expected range: max-> 14.256895088781802 > 57.757864162162164 + 0.02721505571304564 || min-> 14.187391335595187 < 57.757864162162164 - 0.02721505571304564, VDDSHV6_Power out of expected range: max-> 62.471980399476124 > 39.99682378378378 + 0.41912401145010697 || min-> 38.180694601454995 < 39.99682378378378 - 0.41912401145010697, Total_Power out of expected range: max-> 662.582453159529 > 459.74132251351347 + 4.587414511605308 || min-> 537.0951426528577 < 459.74132251351347 - 4.587414511605308

LOG PATH

**Test Case amsdkA-1522: Dhrystone power performance with PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 242.57707300752705 > 180.6394076 + 0.2183654678847349 || min-> 206.95753428013265 < 180.6394076 - 0.2183654678847349, VDD_MPU_Power out of expected range: max-> 51.31102478730527 > 56.20867794285714 + 0.5303946384742595 || min-> 46.70871418242978 < 56.20867794285714 - 0.5303946384742595, VDDS_RTC_Power out of expected range: max-> 0.7726811668912366 > 0.7974933428571429 + 0.0003789866086601561 || min-> 0.7705561838917406 < 0.7974933428571429 - 0.0003789866086601561, VDDS_DDR_Power out of expected range: max-> 160.6542559090439 > 48.207039542857146 + 0.2623931137720471 || min-> 155.52843310913534 < 48.207039542857146 - 0.2623931137720471, VDDS_Power out of expected range: max-> 2.5027965322172903 > 3.251536314285714 + 0.08426950652948394 || min-> 1.6290172099758629 < 3.251536314285714 - 0.08426950652948394, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.384125850780568 > 2.1503016571428573 + 0.022118275052332582 || min-> 2.2560363623753594 < 2.1503016571428573 -

0.022118275052332582, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 2.9191104611485406 > 2.0406082000000003 + 0.031756006030625526 || min-> 2.720150795615144 < 2.0406082000000003 - 0.031756006030625526, VDDS_PLL_DDR_Power out of expected range: max-> 1.99521117149032 > 1.8684541428571428 + 0.00061980545622128 || min-> 1.9930951768491758 < 1.8684541428571428 - 0.00061980545622128, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.722738377265719 > 14.557565771428571 + 0.0017770480716713078 || min-> 13.709759227589958 < 14.557565771428571 - 0.0017770480716713078, VDDS_PLL_MPU_Power out of expected range: max-> 2.015317418014564 > 1.9148900857142857 + 0.0005310134526807114 || min-> 2.011616506146499 < 1.9148900857142857 - 0.0005310134526807114, VDDS_OSC_Power out of expected range: max-> 1.2382952662954043 > 1.247422742857143 + 0.0005291807398609702 || min-> 1.235521588070096 < 1.247422742857143 - 0.0005291807398609702, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.98652274156037 > 32.96395722857143 + 0.06597395920409642 || min-> 32.8330891368345 < 32.96395722857143 - 0.06597395920409642, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.458161636422535 > 11.125217942857143 + 0.0015081887478536598 || min-> 10.447713111807168 < 11.125217942857143 - 0.0015081887478536598, VDDA_ADC_Power out of expected range: max-> 0.7991799561159362 > 0.9017996571428571 + 0.00046155733452205163 || min-> 0.7968600796434147 < 0.9017996571428571 - 0.00046155733452205163, VDDSHV1_Power out of expected range: max-> 0.42072023752894616 > 0.624936342857143 + 0.0031288889772338423 || min-> 0.4061980616033666 < 0.624936342857143 - 0.0031288889772338423, VDDSHV2_Power out of expected range: max-> 32.68493329505683 > 4.264963657142857 + 4.320294182908803 || min-> 2.320872512035081 < 4.264963657142857 - 4.320294182908803, VDDSHV3_Power out of expected range: max-> 0.17873789433501083 > 0.17638734285714286 + 0.0029738309264298033 || min-> 0.15891258051725068 < 0.17638734285714286 - 0.0029738309264298033, VDDSHV4_Power out of expected range: max-> 0.07828562811078243 > 0.08400017142857143 + 0.0030582193924080675 || min-> 0.06659329495739554 < 0.08400017142857143 - 0.0030582193924080675, VDDSHV5_Power out of expected range: max-> 14.237178670225394 > 57.77510794285714 + 0.013530675591953104 || min-> 14.201071328387476 < 57.77510794285714 - 0.013530675591953104, VDDSHV6_Power out of expected range: max-> 62.006415363667784 > 39.625133885714284 + 0.6756045195538152 || min-> 37.6506967031634 < 39.625133885714284 - 0.6756045195538152, Total_Power out of expected range: max-> 635.1960454181327 > 460.42490151428575 + 5.564313367634895 || min-> 535.7072115977298 < 460.42490151428575 - 5.564313367634895

LOG PATH

**Test Case amsdkA-1523: 3D Graphics power performance**

Summary:

Measure power while running 3D graphics application

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 298.10189041105195 > 180.71352194871795 + 0.31987175552279545 \|\| min-> 206.89973120234225 < 180.71352194871795 - 0.31987175552279545, VDD_MPU_Power out of expected range: max-> 410.29757009931114 > 56.26998292307692 + 1.2603355195369883 \|\| min-> 46.85191965270042 < 56.26998292307692 - 1.2603355195369883, VDDS_RTC_Power out of expected range: max-> 0.7738760380112811 > 0.7979126410256411 + 0.00029354314545673607 \|\| min-> 0.7703888511114457 < 0.7979126410256411 - 0.00029354314545673607, VDDS_DDR_Power out of expected range: max-> 168.10112632518567 > 48.10924717948718 + 0.2307771251771171 \|\| min-> 154.8741051616767 < 48.10924717948718 - 0.2307771251771171, VDDS_Power out of expected range: max-> 2.509755375021708 > 3.218319307692308 + 0.06986199095760856 \|\| min-> 1.5630257642186731 < 3.218319307692308 - 0.06986199095760856, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.7684716052441827 > 2.176425487179487 + 0.010446419010876687 \|\| min-> 2.2497838081581754 < 2.176425487179487 - 0.010446419010876687, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 6.383854780973426 > 2.0668984102564103 + 0.016680831657161527 \|\| min-> 2.7117840936724207 < 2.0668984102564103 - 0.016680831657161527, VDDS_PLL_DDR_Power out of expected range: max-> 1.994819593363754 > 1.8689505897435896 + 0.000430140320843021 \|\| min-> 1.9925451042901772 < 1.8689505897435896 - 0.000430140320843021, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.723803345625432 > 14.559882102564103 + 0.0004925205571490784 \|\| min-> 13.709696551097618 < 14.559882102564103 - 0.0004925205571490784, VDDS_PLL_MPU_Power out of expected range: max-> 5.57671393877464 > 1.915532769230769 + 0.0002897422152140866 \|\| min-> 2.0123572815515165 < 1.915532769230769 - 0.0002897422152140866, VDDS_OSC_Power out of expected range: max-> 1.238300854525553 > 1.2467991794871796 + 0.0002531472284017205 \|\| min-> 1.2302017991497975 < 1.2467991794871796 - 0.0002531472284017205, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.95787405561818 > 32.93088164102564 + 0.06302097513234518 \|\| min-> 32.75470686723345 < 32.93088164102564 - 0.06302097513234518, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.458822380600088 > 11.123804128205128 + 0.0013176507797781208 \|\| min-> 10.415228046184433 < 11.123804128205128 - 0.0013176507797781208, VDDA_ADC_Power out of expected range: max-> 0.799662655540876 > 0.9015467948717949 + 0.00035129831954241265 \|\| min-> 0.7938502909813028 < |

0.9015467948717949 - 0.00035129831954241265, VDDSHV1_Power out of expected range: max-> 0.42149319074187935 > 0.6249434615384616 + 0.00292505210342445 || min-> 0.407124984677734 < 0.6249434615384616 - 0.00292505210342445, VDDSHV2_Power out of expected range: max-> 32.66337935364743 > 2.8896706153846154 + 3.4947469136914524 || min-> 2.0463026164498257 < 2.8896706153846154 - 3.4947469136914524, VDDSHV3_Power out of expected range: max-> 0.1740716138975655 > 0.17677110256410256 + 0.002345850943069087 || min-> 0.16404693867137826 < 0.17677110256410256 - 0.002345850943069087, VDDSHV4_Power out of expected range: max-> 0.07777773612175636 > 0.08458089743589745 + 0.0033787251122189992 || min-> 0.0662757147055065 6 < 0.08458089743589745 - 0.0033787251122189992, VDDSHV5_Power out of expected range: max-> 14.282222956172062 > 57.79075720512821 + 0.006638521857486368 || min-> 14.194537374177049 < 57.79075720512821 - 0.006638521857486368, VDDSHV6_Power out of expected range: max-> 62.862287308366476 > 38.88285564102564 + 0.8007512881376248 || min-> 32.33545699172798 < 38.88285564102564 - 0.8007512881376248, Total_Power out of expected range: max-> 1006.3578973627804 > 458.34928397435897 + 5.105171808815759 || min-> 533.7522581680051 < 458.34928397435897 - 5.105171808815759

LOG PATH

**Test Case amsdkA-1524: Audio + Video power performance**

Summary:

Measure power while running video and audio decode and playback

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 242.622752612034 > 180.45650236585365 + 0.21047186205923366 || min-> 206.91511820834563 < 180.45650236585365 - 0.21047186205923366, VDD_MPU_Power out of expected range: max-> 85.3322286722636 > 55.90623412195122 + 0.3966940056468632 || min-> 46.82176863534849 < 55.90623412195122 - 0.3966940056468632, VDDS_RTC_Power out of expected range: max-> 0.7718721682740813 > 0.7971453414634145 + 0.000487029522195784 || min-> 0.7706481303890391 < 0.7971453414634145 - 0.000487029522195784, VDDS_DDR_Power out of expected range: max-> 160.37505866357506 > 48.27320770731708 + 0.30151506990302807 || min-> 155.58084646426008 < 48.27320770731708 - 0.30151506990302807, VDDS_Power out of expected range: max-> 2.510457863092814 > 3.2704115609756097 + 0.09698828477193365 || min-> 1.614029328980574 < 3.2704115609756097 - 0.09698828477193365, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.376018166380328 > 2.1184896097560975 + 0.026828952445894328 || min-> 2.247766839912226 < 2.1184896097560975 |

- 0.026828952445894328, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 2.920872892023653 > 2.007690780487805 + 0.031536458153641936 || min-> 2.7042810524481955 < 2.007690780487805 - 0.031536458153641936, VDDS_PLL_DDR_Power out of expected range: max-> 1.9943748046728789 > 1.867625 + 0.0004252756460877469 || min-> 1.9928429329054471 < 1.867625 - 0.0004252756460877469, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.718412771705824 > 14.55521843902439 + 0.0026166947699125436 || min-> 13.709158588475102 < 14.55521843902439 - 0.0026166947699125436, VDDS_PLL_MPU_Power out of expected range: max-> 2.014720752345149 > 1.9138431951219514 + 0.0005745411521981689 || min-> 2.0112500426695057 < 1.9138431951219514 - 0.0005745411521981689, VDDS_OSC_Power out of expected range: max-> 1.238537855927734 > 1.2482719024390243 + 0.0006434444734289713 || min-> 1.236392832760638 < 1.2482719024390243 - 0.0006434444734289713, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.95359342286635 > 32.93200768292683 + 0.06875351583309636 || min-> 32.83587377670595 < 32.93200768292683 - 0.06875351583309636, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.459154627704864 > 11.123682170731707 + 0.0013467216346451751 || min-> 10.449604892669727 < 11.123682170731707 - 0.0013467216346451751, VDDA_ADC_Power out of expected range: max-> 0.7994459778066372 > 0.902197487804878 + 0.0004304921964281741 || min-> 0.7976165619920003 < 0.902197487804878 - 0.0004304921964281741, VDDSHV1_Power out of expected range: max-> 0.42257503213455144 > 0.6252973658536585 + 0.0029041974602016024 || min-> 0.40646054242983926 < 0.6252973658536585 - 0.0029041974602016024, VDDSHV2_Power out of expected range: max-> 32.54363722610212 > 5.59117043902439 + 4.83815206197824 || min-> 2.032647822896905 < 5.59117043902439 - 4.83815206197824, VDDSHV3_Power out of expected range: max-> 0.17701499309808827 > 0.1769150487804878 + 0.003371520854533934 || min-> 0.16377906379484142 < 0.1769150487804878 - 0.003371520854533934, VDDSHV4_Power out of expected range: max-> 10.429155492473273 > 1.0902046585365854 + 6.4509786639367945 || min-> 0.06380738419042808 < 1.0902046585365854 - 6.4509786639367945, VDDSHV5_Power out of expected range: max-> 14.223617339755588 > 57.75159924390243 + 0.015565698801631746 || min-> 14.185644206642054 < 57.75159924390243 - 0.015565698801631746, VDDSHV6_Power out of expected range: max-> 62.83764447081065 > 39.48201126829268 + 1.0965848647825012 || min-> 36.98643184420384 < 39.48201126829268 - 1.0965848647825012, Total_Power out of expected range: max-> 635.6879287118418 > 462.0897253414634 + 9.94052568012424 || min-> 534.5247705548122 < 462.0897253414634 - 9.94052568012424

LOG PATH

# 3.7.2 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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 291.5265661228534 > 205.5510752876033 + 11.453657564663438 \|\| min-> 194.3312185300166 < 205.5510752876033 - 11.453657564663438, VDD_MPU_Power out of expected range: max-> 609.0766323339949 > 205.7822989322314 + 9.464892610043883 \|\| min-> 319.96571462818974 < 205.7822989322314 - 9.464892610043883, VDDS_RTC_Power out of expected range: max-> 0.7729534790199807 > 0.8205545685950414 + 0.031888256222127306 \|\| min-> 0.7706176315932599 < 0.8205545685950414 - 0.031888256222127306, VDDS_DDR_Power out of expected range: max-> 159.19849783152384 > 101.15215880330578 + 41.17565749603993 \|\| min-> 143.91272791351855 < 101.15215880330578 - 41.17565749603993, VDDS_Power out of expected range: max-> 2.568690852240582 > 1.761300449586777 + 0.4322522687569059 \|\| min-> 1.5277238151268464 < 1.761300449586777 - 0.4322522687569059, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.642599101970293 > 2.4007909404958676 + 0.09666288897953043 \|\| min-> 2.327364239982475 < 2.4007909404958676 - 0.09666288897953043, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 7.979801738438899 > 3.5607018099173557 + 0.20990263674447013 \|\| min-> 3.925569611015446 < 3.5607018099173557 - 0.20990263674447013, VDDS_PLL_DDR_Power out of expected range: max-> 1.9918583534700658 > 1.8934330330578513 + 0.07065459474092349 \|\| min-> 1.9899440283035792 < 1.8934330330578513 - 0.07065459474092349, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.708687176782176 > 14.121570522314052 + 0.2968408773434321 \|\| min-> 13.702444519626736 < 14.121570522314052 - 0.2968408773434321, VDDS_PLL_MPU_Power out of expected range: max-> 5.573259038522223 > 4.307994699173554 + 0.12804297767077455 \|\| min-> 5.565959000415579 < 4.307994699173554 - 0.12804297767077455, VDDS_OSC_Power out of expected range: max-> 1.2359261944151427 > 1.186870575308642 + 0.02371557817934929 \|\| min-> 1.2314629702687803 < 1.186870575308642 - 0.02371557817934929, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.878837047849984 > 35.796754560493824 + 1.217947423210164 \|\| min-> 32.68685372734125 < 35.796754560493824 - 1.217947423210164, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.423517188798712 > 8.743100632098765 + 0.9613428076232281 \|\| min-> |

10.402818348084988 < 8.743100632098765 - 0.9613428076232281, VDDSHV2_Power out of expected range: max-> 32.789327895442355 > 8.558195992592593 + 7.609083009100565 || min-> 1.3062980434268785 < 8.558195992592593 - 7.609083009100565, VDDSHV3_Power out of expected range: max-> 0.16020553126476436 > 0.16439213086419752 + 0.006085215918512043 || min-> 0.14761084027322552 < 0.16439213086419752 - 0.006085215918512043, VDDSHV4_Power out of expected range: max-> 0.08287695251177439 > 0.07566915061728395 + 0.0042809028403186155 || min-> 0.07125808700187856 < 0.07566915061728395 - 0.0042809028403186155, VDDSHV6_Power out of expected range: max-> 62.58797281123374 > 28.7331859308642 + 3.762421780795118 || min-> 35.02759765562828 < 28.7331859308642 - 3.762421780795118, Total_Power out of expected range: max-> 1235.4936192068205 > 605.3061525747768 + 17.323007468241656 || min-> 785.2130517836868 < 605.3061525747768 - 17.323007468241656

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 273.66732073166986 > 205.4188274916388 + 11.097583479041631 || min-> 194.66226042476566 < 205.4188274916388 - 11.097583479041631, VDD_MPU_Power out of expected range: max-> 389.6468120552475 > 204.5078099498328 + 9.067829036261724 || min-> 320.1284039576914 < 204.5078099498328 - 9.067829036261724, VDDS_RTC_Power out of expected range: max-> 0.7729663599904857 > 0.8008041070234113 + 0.023072898055653233 || min-> 0.7712774455104847 < 0.8008041070234113 - 0.023072898055653233, VDDS_DDR_Power out of expected range: max-> 160.74762743398455 > 101.94260001003344 + 41.034255193135685 || min-> 143.5416478049 < 101.94260001003344 - 41.034255193135685, VDDS_Power out of expected range: max-> 2.5712051560656044 > 1.8794098193979933 + 0.5060120780529556 || min-> 1.6240185459640557 < 1.8794098193979933 - 0.5060120780529556, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.708386387872477 > 2.3917392976588627 + 0.11766025025802346 || min-> 2.386087522493621 < 2.3917392976588627 - 0.11766025025802346, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 7.533542153176031 > 3.549919016722408 + 0.21091161543898865 || min-> 4.010881494433361 < 3.549919016722408 - 0.21091161543898865, VDDS_PLL_DDR_Power out of expected range: max-> 1.9929493355611974 > 1.8966986488294313 +

0.06997800284898759 || min-> 1.990840671358306 < 1.8966986488294313 - 0.06997800284898759, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.71244293160128 > 14.142294381270903 + 0.3147701590825746 || min-> 13.703633189980035 < 14.142294381270903 - 0.3147701590825746, VDDS_PLL_MPU_Power out of expected range: max-> 5.573921768480526 > 4.321128769230769 + 0.1255862595363092 || min-> 5.568539309050165 < 4.321128769230769 - 0.1255862595363092, VDDS_OSC_Power out of expected range: max-> 1.2339639376411904 > 1.1945274623115578 + 0.030521164615518064 || min-> 1.2300206038079873 < 1.1945274623115578 - 0.030521164615518064, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.90372383165039 > 35.395539763819095 + 1.5580638638385602 || min-> 32.73427456948106 < 35.395539763819095 - 1.5580638638385602, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.418294095975682 > 9.061311251256281 + 1.2090855279741812 || min-> 10.399919528180257 < 9.061311251256281 - 1.2090855279741812, VDDSHV2_Power out of expected range: max-> 32.76554129340572 > 9.149435944723619 + 7.607528214822845 || min-> 1.30543446158443 < 9.149435944723619 - 7.607528214822845, VDDSHV3_Power out of expected range: max-> 0.15913320967014297 > 0.16696726130653264 + 0.0066434431514179665 || min-> 0.14598145504839447 < 0.16696726130653264 - 0.0066434431514179665, VDDSHV4_Power out of expected range: max-> 3.1419478312031885 > 0.0766071256281407 + 0.004410909510107764 || min-> 0.07158289386162392 < 0.0766071256281407 - 0.004410909510107764, VDDSHV6_Power out of expected range: max-> 62.56232448098854 > 30.142178005025126 + 2.9533600711582313 || min-> 34.693098145267655 < 30.142178005025126 - 2.9533600711582313, Total_Power out of expected range: max-> 948.1777831827937 > 611.7606306322418 + 12.957194213535193 || min-> 786.4907133432617 < 611.7606306322418 - 12.957194213535193

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 295.5573395878707 > 204.25007397819314 + 11.841400485260506 || min-> 194.58498972765037 < 204.25007397819314 - 11.841400485260506, VDD_MPU_Power out of expected range: max-> 595.1956798291277 > 203.60584736760126 + 9.920838570034684 || min-> 320.0966469030358 < 203.60584736760126 - 9.920838570034684, VDDS_RTC_Power out of expected range: max-> 0.7732248599495812 > |

0.8008086417445482 + 0.022229885404267992 || min-> 0.7712970805016918 < 0.8008086417445482 - 0.022229885404267992, VDDS_DDR_Power out of expected range: max-> 160.1555035732949 > 98.8658771152648 + 41.179945880231905 || min-> 144.46018580607108 < 98.8658771152648 - 41.179945880231905, VDDS_Power out of expected range: max-> 2.5781435676545152 > 1.952541906542056 + 0.582074249253997 || min-> 1.6230924215387503 < 1.952541906542056 - 0.582074249253997, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.6828797095544474 > 2.383304797507788 + 0.10664678468271803 || min-> 2.378841668278519 < 2.383304797507788 - 0.10664678468271803, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 8.065149898333889 > 3.540888713395639 + 0.19854454247179903 || min-> 3.99582291221597 < 3.540888713395639 - 0.19854454247179903, VDDS_PLL_DDR_Power out of expected range: max-> 1.9922981839900156 > 1.8947694672897197 + 0.06806246511360257 || min-> 1.9907923655331952 < 1.8947694672897197 - 0.06806246511360257, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.7126706657703 > 14.170129137071653 + 0.3208862854797014 || min-> 13.702771229752784 < 14.170129137071653 - 0.3208862854797014, VDDS_PLL_MPU_Power out of expected range: max-> 5.574002849127356 > 4.3227146105919 + 0.12186981931906837 || min-> 5.569360898243794 < 4.3227146105919 - 0.12186981931906837, VDDS_OSC_Power out of expected range: max-> 1.2341293944352425 > 1.1989502941176469 + 0.03225413884512108 || min-> 1.230802867821655 < 1.1989502941176469 - 0.03225413884512108, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.893618230259925 > 35.15378589140271 + 1.6499630406505401 || min-> 32.75269730833846 < 35.15378589140271 - 1.6499630406505401, VDDSHV2_Power out of expected range: max-> 32.84297061054178 > 8.831876135746606 + 7.607374424902499 || min-> 1.3063095950910915 < 8.831876135746606 - 7.607374424902499, VDDSHV3_Power out of expected range: max-> 0.15738006120731796 > 0.1677274524886878 + 0.006861245462659378 || min-> 0.14527941616200282 < 0.1677274524886878 - 0.006861245462659378, VDDSHV4_Power out of expected range: max-> 2.175083907024844 > 0.10772331221719457 + 0.44277855151046625 || min-> 0.07166152306535158 < 0.10772331221719457 - 0.44277855151046625, VDDSHV6_Power out of expected range: max-> 62.711238310615094 > 30.615696647058826 + 3.674617915929175 || min-> 29.772628283462293 < 30.615696647058826 - 3.674617915929175, Total_Power out of expected range: max-> 1213.6838555496033 > 611.777896346062 + 13.620739756075151 || min-> 786.3393685099878 < 611.777896346062 - 13.620739756075151

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 291.87987875625055 > 205.01251764882943 + 11.833594058996944 \|\| min-> 194.6029159654585 < 205.01251764882943 - 11.833594058996944, VDD_MPU_Power out of expected range: max-> 523.4726757184463 > 204.49756439799333 + 8.848118105052345 \|\| min-> 319.95920124939676 < 204.49756439799333 - 8.848118105052345, VDDS_RTC_Power out of expected range: max-> 0.7731798440631907 > 0.8010332006688963 + 0.023116325067376976 \|\| min-> 0.7712669832745924 < 0.8010332006688963 - 0.023116325067376976, VDDS_DDR_Power out of expected range: max-> 159.65862115479584 > 100.96974592307693 + 41.8144707414925 \|\| min-> 143.55582388546924 < 100.96974592307693 - 41.8144707414925, VDDS_Power out of expected range: max-> 2.5791359386348427 > 1.8843081705685618 + 0.5276186045620431 \|\| min-> 1.6230615730156701 < 1.8843081705685618 - 0.5276186045620431, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.732112216955638 > 2.3909696889632106 + 0.10878878605249158 \|\| min-> 2.380088411165535 < 2.3909696889632106 - 0.10878878605249158, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 10.332394561657656 > 3.5470566321070236 + 0.19850920336929162 \|\| min-> 3.9983027548266166 < 3.5470566321070236 - 0.19850920336929162, VDDS_PLL_DDR_Power out of expected range: max-> 1.9923554500336267 > 1.8966770969899664 + 0.07017076334240024 \|\| min-> 1.9903358248772187 < 1.8966770969899664 - 0.07017076334240024, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.71265598559121 > 14.141082070234113 + 0.3135669811027717 \|\| min-> 13.701147961266336 < 14.141082070234113 - 0.3135669811027717, VDDS_PLL_MPU_Power out of expected range: max-> 5.574055809182501 > 4.3204065284280935 + 0.1258750886333362 \|\| min-> 5.566854075099237 < 4.3204065284280935 - 0.1258750886333362, VDDS_OSC_Power out of expected range: max-> 1.2343103194574048 > 1.193843201005025 + 0.029861792029900563 \|\| min-> 1.2305218098639212 < 1.193843201005025 - 0.029861792029900563, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.87863981307865 > 35.43548084924623 + 1.53540122509069 \|\| min-> 32.73170000079437 < 35.43548084924623 - 1.53540122509069, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.419681277601358 > 9.033551457286432 + 1.1922174583079714 \|\| min-> 10.398699233821848 < 9.033551457286432 - 1.1922174583079714, VDDSHV2_Power out of expected range: max-> 32.757529839365695 > 9.191950452261306 + 7.490438016602429 \|\| min-> 1.303093154666792 < 9.191950452261306 - 7.490438016602429, VDDSHV3_Power out of expected range: max-> 0.15852786657446682 > 0.16730830653266332 + 0.006347743760979604 \|\| min-> 0.14677238742958332 < 0.16730830653266332 - 0.006347743760979604, VDDSHV4_Power out of expected range: max-> 0.08163149785618512 > 0.07732061809045226 + 0.0041529359238678815 \|\| min-> 0.06979639663962729 < |

0.07732061809045226 - 0.0041529359238678815, VDDSHV6_Power out of expected range: max-> 62.70382287146804 > 30.57173811557789 + 3.59322900767196 || min-> 35.05606157990364 < 30.57173811557789 - 3.59322900767196, Total_Power out of expected range: max-> 1129.8824384800337 > 611.0448936851385 + 12.241772545195165 || min-> 786.2135462133255 < 611.0448936851385 - 12.241772545195165

LOG PATH

**Test Case amsdkA-319: Dhrystone power performance with PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 281.99629114018813 > 203.88257004966889 + 12.902146998499811 || min-> 194.54482594811145 < 203.88257004966889 - 12.902146998499811, VDD_MPU_Power out of expected range: max-> 429.91563365659346 > 204.32927420529802 + 8.87693298444586 || min-> 320.1101780518474 < 204.32927420529802 - 8.87693298444586, VDDS_RTC_Power out of expected range: max-> 0.7728119505801835 > 0.800808440397351 + 0.02305584871030061 || min-> 0.7709431110973705 < 0.800808440397351 - 0.02305584871030061, VDDS_DDR_Power out of expected range: max-> 156.63812243416768 > 98.78467069536423 + 43.33199570755047 || min-> 144.9006639586622 < 98.78467069536423 - 43.33199570755047, VDDS_Power out of expected range: max-> 2.5739463749605203 > 1.9215830066225166 + 0.5912825327530283 || min-> 1.530512163815272 < 1.9215830066225166 - 0.5912825327530283, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.67380379068565 > 2.3866638278145693 + 0.11920848381221891 || min-> 2.3697570364509364 < 2.3866638278145693 - 0.11920848381221891, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 8.395778683583076 > 3.542051877483444 + 0.21148629354230403 || min-> 3.9930435652495424 < 3.542051877483444 - 0.21148629354230403, VDDS_PLL_DDR_Power out of expected range: max-> 1.99219883154008 > 1.8962817649006622 + 0.06957916612083256 || min-> 1.9905101017230398 < 1.8962817649006622 - 0.06957916612083256, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.711564494363408 > 14.145230695364237 + 0.31720753986474576 || min-> 13.701352509050293 < 14.145230695364237 - 0.31720753986474576, VDDS_PLL_MPU_Power out of expected range: max-> 5.574063500904698 > 4.32104940397351 + 0.12465891834613804 || min-> 5.566785928849926 < 4.32104940397351 - 0.12465891834613804, VDDS_OSC_Power out of expected range: max-> 1.2342912305511278 > 1.1949971831683168 + 0.030537792294060454 || min-> 1.2304584980941802 <

1.1949971831683168 - 0.030537792294060454, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.95631525088096 > 35.36990566336633 + 1.5717039089233695 || min-> 32.697741694145854 < 35.36990566336633 - 1.5717039089233695, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.421740584426352 > 9.078610985148515 + 1.2169816491926853 || min-> 10.40092127103442 < 9.078610985148515 - 1.2169816491926853, VDDSHV2_Power out of expected range: max-> 32.7552938391199 > 8.960116113861387 + 7.5974152712854215 || min-> 1.3071983409567305 < 8.960116113861387 - 7.5974152712854215, VDDSHV3_Power out of expected range: max-> 0.16150058211808144 > 0.16683901485148517 + 0.005906447663340106 || min-> 0.14514299025896948 < 0.16683901485148517 - 0.005906447663340106, VDDSHV4_Power out of expected range: max-> 0.08459801300692371 > 0.07749827722772278 + 0.004207573957677852 || min-> 0.07058505932948325 < 0.07749827722772278 - 0.004207573957677852, VDDSHV6_Power out of expected range: max-> 62.69456796213925 > 31.250241975247526 + 4.430007245186022 || min-> 29.76066308835226 < 31.250241975247526 - 4.430007245186022, Total_Power out of expected range: max-> 1022.7220594408088 > 608.9404764374999 + 11.872141723309454 || min-> 786.1167377379165 < 608.9404764374999 - 11.872141723309454

LOG PATH

**Test Case amsdkA-320: 3D Graphics power performance**

Summary:

Measure power while running 3D graphics application

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 291.2750789482317 > 203.97437269306928 + 12.772066841258269 || min-> 194.60442286960964 < 203.97437269306928 - 12.772066841258269, VDD_MPU_Power out of expected range: max-> 543.1488144812288 > 204.50947568316832 + 9.315786293798912 || min-> 320.1176721373089 < 204.50947568316832 - 9.315786293798912, VDDS_RTC_Power out of expected range: max-> 0.7729458785042153 > 0.8009174191419142 + 0.0230197983211428 || min-> 0.7715128382953221 < 0.8009174191419142 - 0.0230197983211428, VDDS_DDR_Power out of expected range: max-> 159.72799666359768 > 98.83453464356435 + 43.02079409030291 || min-> 144.1060280353621 < 98.83453464356435 - 43.02079409030291, VDDS_Power out of expected range: max-> 2.7869342114500784 > 1.9133016138613859 + 0.5832840320056356 || min-> 1.6239547495608648 < 1.9133016138613859 - 0.5832840320056356, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.74338590835603 > 2.390569099009901 + 0.11829278143648052 || min-> |

2.3789346421587294 < 2.390569099009901 - 0.11829278143648052, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 7.6567365743750315 > 3.548317904290429 + 0.2105521059754359 || min-> 3.9989503475019244 < 3.548317904290429 - 0.2105521059754359, VDDS_PLL_DDR_Power out of expected range: max-> 1.992608521744217 > 1.8961691914191419 + 0.06951481442952478 || min-> 1.9905396560597064 < 1.8961691914191419 - 0.06951481442952478, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.713257950026987 > 14.146321508250827 + 0.3169390069993154 || min-> 13.703843934162398 < 14.146321508250827 - 0.3169390069993154, VDDS_PLL_MPU_Power out of expected range: max-> 5.573850879983843 > 4.3207834752475245 + 0.12449472033888319 || min-> 5.56586169147347 < 4.3207834752475245 - 0.12449472033888319, VDDS_OSC_Power out of expected range: max-> 1.2343457855120838 > 1.1948423251231526 + 0.030361605602555745 || min-> 1.230822785193628 < 1.1948423251231526 - 0.030361605602555745, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.85818203648237 > 35.385199709359604 + 1.5744425452788258 || min-> 32.69973621724065 < 35.385199709359604 - 1.5744425452788258, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.422209080139398 > 9.074801078817735 + 1.2153578398146083 || min-> 10.397457031049896 < 9.074801078817735 - 1.2153578398146083, VDDSHV2_Power out of expected range: max-> 32.74464591947329 > 9.237787251231527 + 7.755622507683198 || min-> 1.3078102331846324 < 9.237787251231527 - 7.755622507683198, VDDSHV3_Power out of expected range: max-> 0.1585660382633244 > 0.1665066502463054 + 0.006175122166655001 || min-> 0.14906040360187492 < 0.1665066502463054 - 0.006175122166655001, VDDSHV4_Power out of expected range: max-> 0.0846721822920261 > 0.07648412807881773 + 0.004705255572582319 || min-> 0.07139400516401175 < 0.07648412807881773 - 0.004705255572582319, VDDSHV6_Power out of expected range: max-> 62.606952667336884 > 30.856346438423646 + 4.244552214199923 || min-> 35.036398091241736 < 30.856346438423646 - 4.244552214199923, Total_Power out of expected range: max-> 1170.7799306249362 > 609.1285618628428 + 12.244795874349512 || min-> 786.1693082200279 < 609.1285618628428 - 12.244795874349512

LOG PATH

**Test Case amsdkA-321: Audio + Video power performance**

Summary:

Measure power while running video and audio decode and playback

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | |

Power Performance data collected, VDD_CORE_Power out of expected range: max-> 292.75188328241285 > 200.21925017687076 + 12.293903184976825 || min-> 194.40983469239754 < 200.21925017687076 - 12.293903184976825, VDD_MPU_Power out of expected range: max-> 584.7822545718211 > 200.22499207823128 + 9.270881875027765 || min-> 319.9847349873143 < 200.22499207823128 - 9.270881875027765, VDDS_RTC_Power out of expected range: max-> 0.7727494802953321 > 0.805355081632653 + 0.01920178386977703 || min-> 0.7711237168440304 < 0.805355081632653 - 0.01920178386977703, VDDS_DDR_Power out of expected range: max-> 159.909160019353 > 84.92770718027211 + 35.053924263232986 || min-> 144.58791621450916 < 84.92770718027211 - 35.053924263232986, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.7094151662094332 > 2.3763820238095237 + 0.13593855534519314 || min-> 2.360791437331156 < 2.3763820238095237 - 0.13593855534519314, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 9.341226949758806 > 3.5481187142857142 + 0.21349638729456225 || min-> 3.971461346024661 < 3.5481187142857142 - 0.21349638729456225, VDDS_PLL_DDR_Power out of expected range: max-> 1.9915959030118286 > 1.8758457959183672 + 0.05502006090875142 || min-> 1.9898964719105263 < 1.8758457959183672 - 0.05502006090875142, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.71187896980128 > 14.277560721088435 + 0.28174909902015344 || min-> 13.700742802573942 < 14.277560721088435 - 0.28174909902015344, VDDS_PLL_MPU_Power out of expected range: max-> 5.573677714039465 > 4.298774149659864 + 0.10586802273268431 || min-> 5.567830676961252 < 4.298774149659864 - 0.10586802273268431, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.94836331292014 > 34.91062923360656 + 1.7343216037500968 || min-> 32.72142702305627 < 34.91062923360656 - 1.7343216037500968, VDDA_ADC_Power out of expected range: max-> 0.7987103460419713 > 0.843591180327869 + 0.0462322636626703 || min-> 0.7959736603032557 < 0.843591180327869 - 0.0462322636626703, VDDSHV2_Power out of expected range: max-> 32.7275593864028 > 7.499432475409836 + 7.685586922764734 || min-> 1.301101204104712 < 7.499432475409836 - 7.685586922764734, VDDSHV3_Power out of expected range: max-> 0.15939872118511414 > 0.16849196311475412 + 0.006847197990992284 || min-> 0.14574681888343088 < 0.16849196311475412 - 0.006847197990992284, VDDSHV4_Power out of expected range: max-> 6.4243461201183205 > 0.15166776639344262 + 1.1570802064802266 || min-> 0.07207593328680983 < 0.15166776639344262 - 1.1570802064802266, VDDSHV6_Power out of expected range: max-> 62.51681820622289 > 30.950140881147544 + 4.044289319195004 || min-> 29.77197241391723 < 30.950140881147544 - 4.044289319195004, Total_Power out of expected range: max-> 1158.646712486866 > 608.9476137659034 + 14.165531944420406 || min-> 785.586469717735 < 608.9476137659034 - 14.165531944420406

LOG PATH

# 3.7.3 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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 269.62113178434413 > 149.36337805438066 + 67.55986896492209 \|\| min-> 206.89380307158135 < 149.36337805438066 - 67.55986896492209, VDDS_RTC_Power out of expected range: max-> 0.7732552632307872 > 0.8024105317220545 + 0.01863973195983289 \|\| min-> 0.7707802794478166 < 0.8024105317220545 - 0.01863973195983289, VDDS_DDR_Power out of expected range: max-> 159.67776324501995 > 95.50990289123867 + 41.640988777293984 \|\| min-> 155.64289473623427 < 95.50990289123867 - 41.640988777293984, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.4559911018980176 > 2.2184536827794563 + 0.06942714050804434 \|\| min-> 2.255986389473843 < 2.2184536827794563 - 0.06942714050804434, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.758003843142584 > 2.0175640483383686 + 0.4676757258205116 \|\| min-> 2.716638187021253 < 2.0175640483383686 - 0.4676757258205116, VDDS_PLL_DDR_Power out of expected range: max-> 1.9951205978265425 > 1.892409589123867 + 0.06689533784461986 \|\| min-> 1.9928202090545069 < 1.892409589123867 - 0.06689533784461986, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.725072300276503 > 14.174390740181268 + 0.32608614256755347 \|\| min-> 13.70978952672815 < 14.174390740181268 - 0.32608614256755347, VDDS_PLL_MPU_Power out of expected range: max-> 2.015002500292029 > 1.935995580060423 + 0.05043530898613237 \|\| min-> 2.0119884919996114 < 1.935995580060423 - 0.05043530898613237, VDDS_OSC_Power out of expected range: max-> 1.2377889701990947 > 1.2038989696969697 + 0.03281599200249016 \|\| min-> 1.234432065739411 < 1.2038989696969697 - 0.03281599200249016, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.97291550972317 > 35.06422222943723 + 1.6839012670011504 \|\| min-> 32.83427857511869 < 35.06422222943723 - 1.6839012670011504, VDDSHV2_Power out of expected range: max-> 32.8406545777208 > 7.85300264069264 + 7.501490180171563 \|\| min-> 2.454123831224659 < 7.85300264069264 - 7.501490180171563, VDDSHV3_Power out of expected range: max-> 0.17837347066288173 > 0.16815113852813854 + 0.006797043890886266 \|\| min-> 0.1648394847507789 < 0.16815113852813854 - 0.006797043890886266, VDDSHV6_Power out of expected range: max-> 63.05554893239197 > 31.321112627705627 + |

4.4836107746924405 || min-> 37.905114842122686 < 31.321112627705627 - 4.4836107746924405, Total_Power out of expected range: max-> 663.2754051093892 > 448.23766861942255 + 11.978090789790421 || min-> 535.5067190247872 < 448.23766861942255 - 11.978090789790421

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 266.78424601645435 > 168.3856984152249 + 55.91857028697972 || min-> 206.96906551760384 < 168.3856984152249 - 55.91857028697972, VDDS_RTC_Power out of expected range: max-> 0.7721987805828052 > 0.8047053010380623 + 0.018910735219013257 || min-> 0.7708218278274034 < 0.8047053010380623 - 0.018910735219013257, VDDS_DDR_Power out of expected range: max-> 160.4254334734838 > 84.58894352941176 + 34.72429294616731 || min-> 155.77301852041225 < 84.58894352941176 - 34.72429294616731, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.446657829114352 > 2.222116688581315 + 0.06086882677206193 || min-> 2.2589791863184057 < 2.222116688581315 - 0.06086882677206193, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 2.9449650923893538 > 1.891978418685121 + 0.39011055089745905 || min-> 2.7212578905850324 < 1.891978418685121 - 0.39011055089745905, VDDS_PLL_DDR_Power out of expected range: max-> 1.9939741287106592 > 1.8750038788927337 + 0.05621542905705336 || min-> 1.9926844414085605 < 1.8750038788927337 - 0.05621542905705336, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.715519923116739 > 14.268509671280277 + 0.2811563597693639 || min-> 13.70928576847394 < 14.268509671280277 - 0.2811563597693639, VDDS_PLL_MPU_Power out of expected range: max-> 2.0150027707064297 > 1.9226727301038062 + 0.041975587005609764 || min-> 2.011787432512983 < 1.9226727301038062 - 0.041975587005609764, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.95741048405827 > 34.96917616317992 + 1.7138720743581919 || min-> 32.845459075559994 < 34.96917616317992 - 1.7138720743581919, VDDSHV2_Power out of expected range: max-> 32.07589649782333 > 8.403643782426778 + 7.823388618837044 || min-> 2.426605571508176 < 8.403643782426778 - 7.823388618837044, VDDSHV6_Power out of expected range: max-> 62.82672849421808 > 31.56906960251046 + 4.234307740694835 || min-> 37.83262967533192 < 31.56906960251046 - 4.234307740694835, Total_Power out of expected range: max->

661.2993475970419 > 450.75495417507415 + 15.853551590994655 || min-> 535.8212687692422 < 450.75495417507415 - 15.853551590994655

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 269.2539734643342 > 167.63809786231886 + 57.097354248769165 \|\| min-> 206.97535949792982 < 167.63809786231886 - 57.097354248769165, VDDS_RTC_Power out of expected range: max-> 0.7718858894247731 > 0.8048024094202898 + 0.019292539716665835 \|\| min-> 0.77081424879541 < 0.8048024094202898 - 0.019292539716665835, VDDS_DDR_Power out of expected range: max-> 160.67913972529928 > 86.08805844202898 + 34.85190692689062 \|\| min-> 153.81124558944143 < 86.08805844202898 - 34.85190692689062, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.410643514409878 > 2.207312163043478 + 0.07248518612211731 \|\| min-> 2.2566143747852765 < 2.207312163043478 - 0.07248518612211731, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 2.9950619935871274 > 1.8671678442028987 + 0.40258222728516013 \|\| min-> 2.7197622010504454 < 1.8671678442028987 - 0.40258222728516013, VDDS_PLL_DDR_Power out of expected range: max-> 1.9936927894367373 > 1.875148358695652 + 0.057443463910388175 \|\| min-> 1.9926941670728857 < 1.875148358695652 - 0.057443463910388175, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.71530055023854 > 14.255327442028985 + 0.2799583648769369 \|\| min-> 13.710122461730354 < 14.255327442028985 - 0.2799583648769369, VDDS_PLL_MPU_Power out of expected range: max-> 2.0149106939855526 > 1.9229013586956523 + 0.04293384613101515 \|\| min-> 2.0116065073577163 < 1.9229013586956523 - 0.04293384613101515, VDDS_OSC_Power out of expected range: max-> 1.2378474221261646 > 1.203792163716814 + 0.03273947028160039 \|\| min-> 1.2354144829476665 < 1.203792163716814 - 0.03273947028160039, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.933958643203695 > 34.9694092079646 + 1.8470904567610187 \|\| min-> 32.835660938774176 < 34.9694092079646 - 1.8470904567610187, VDDSHV2_Power out of expected range: max-> 32.79984172891484 > 8.685686694690265 + 7.732504663940769 \|\| min-> 2.2583170427943218 < 8.685686694690265 - 7.732504663940769, VDDSHV3_Power out of expected range: max-> 0.1793577526662835 > 0.16803188938053096 + 0.00698672333731317 \|\| min-> 0.1631173306872861 < |

0.16803188938053096 - 0.00698672333731317, VDDSHV6_Power out of expected range: max-> 62.77709235483882 > 31.033204190265486 + 3.998540609258586 || min-> 37.46624814818595 < 31.033204190265486 - 3.998540609258586, Total_Power out of expected range: max-> 637.8968262651653 > 450.2155796503068 + 15.806698978995048 || min-> 533.4673709701773 < 450.2155796503068 - 15.806698978995048

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 253.02451526842466 > 168.25614284615384 + 55.94640052748845 || min-> 206.9576193447768 < 168.25614284615384 - 55.94640052748845, VDDS_RTC_Power out of expected range: max-> 0.7720593570102161 > 0.8047869895104895 + 0.01910385587862899 || min-> 0.770944748420796 < 0.8047869895104895 - 0.01910385587862899, VDDS_DDR_Power out of expected range: max-> 160.10566264392318 > 84.759929506993 + 34.95183980049755 || min-> 155.22111081330615 < 84.759929506993 - 34.95183980049755, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.4331639084126078 > 2.2093908811188814 + 0.0676073349757135 || min-> 2.258443300220155 < 2.2093908811188814 - 0.0676073349757135, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.0176219419980246 > 1.8804781153846153 + 0.39553292702122794 || min-> 2.7216097270831727 < 1.8804781153846153 - 0.39553292702122794, VDDS_PLL_DDR_Power out of expected range: max-> 1.9945518181482789 > 1.874789506993007 + 0.056492821407352525 || min-> 1.9928072698007095 < 1.874789506993007 - 0.056492821407352525, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.715012680245849 > 14.264175465034965 + 0.28002494607316003 || min-> 13.711068082414883 < 14.264175465034965 - 0.28002494607316003, VDDS_PLL_MPU_Power out of expected range: max-> 2.014861352058763 > 1.9225840524475526 + 0.0422810780316556 || min-> 2.01224162584435 < 1.9225840524475526 - 0.0422810780316556, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.94942913857038 > 35.0451463940678 + 1.7167812591085283 || min-> 32.80620740903567 < 35.0451463940678 - 1.7167812591085283, VDDSHV2_Power out of expected range: max-> 32.74818038925131 > 9.102121872881357 + 7.837131886647648 || min-> 2.5581142823380625 < 9.102121872881357 - 7.837131886647648, VDDSHV3_Power out of expected range: max-> 0.17784992240565833 > 0.16905970762711864 + 0.006469042699354153 || min-> 0.16152152200256015 <

0.16905970762711864 - 0.006469042699354153, VDDSHV4_Power out of expected range: max-> 0.07794440979128232 > 0.07849048305084746 + 0.004258458728741179 || min-> 0.06719806419715778 < 0.07849048305084746 - 0.004258458728741179, VDDSHV6_Power out of expected range: max-> 62.626696812424015 > 31.716452436440676 + 4.272723264781957 || min-> 38.12732104648075 < 31.716452436440676 - 4.272723264781957, Total_Power out of expected range: max-> 648.684411429748 > 451.1616379166667 + 16.180787613138353 || min-> 535.9473863536848 < 451.1616379166667 - 16.180787613138353

LOG PATH

**Test Case amsdkA-326: Dhrystone power performance with PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 259.1258430201044 > 166.85200554198474 + 57.97356866706882 || min-> 206.9786930157606 < 166.85200554198474 - 57.97356866706882, VDDS_RTC_Power out of expected range: max-> 0.7719732563663798 > 0.8054203282442748 + 0.01976682569877958 || min-> 0.7710081899559915 < 0.8054203282442748 - 0.01976682569877958, VDDS_DDR_Power out of expected range: max-> 160.96167901691894 > 87.38023090458016 + 35.11419879420639 || min-> 154.6034920521409 < 87.38023090458016 - 35.11419879420639, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.459929107452043 > 2.2152135496183205 + 0.054727032548517414 || min-> 2.258651075021321 < 2.2152135496183205 - 0.054727032548517414, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 2.992219300089228 > 1.8733752557251908 + 0.4024638753641306 || min-> 2.712176773823558 < 1.8733752557251908 - 0.4024638753641306, VDDS_PLL_DDR_Power out of expected range: max-> 1.9942159893118314 > 1.8752396106870228 + 0.05901007958968738 || min-> 1.992723125288445 < 1.8752396106870228 - 0.05901007958968738, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.714694274846437 > 14.23725603053435 + 0.2779568167449538 || min-> 13.709526707859537 < 14.23725603053435 - 0.2779568167449538, VDDS_PLL_MPU_Power out of expected range: max-> 2.014535744543225 > 1.9232267977099238 + 0.04411563338564097 || min-> 2.0120426116456622 < 1.9232267977099238 - 0.04411563338564097, VDDS_OSC_Power out of expected range: max-> 1.2376482688931902 > 1.2000144009433962 + 0.031038330990597367 || min-> 1.2357038875768886 < 1.2000144009433962 - 0.031038330990597367, VDDA_1P8V_USB0_1_Power out of expected range: max->

32.95555767605831 > 35.28031791037736 + 1.6006060511757374 || min-> 32.808859794684686 < 35.28031791037736 - 1.6006060511757374, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.45567456541843 > 9.174662514150944 + 1.2585915476852458 || min-> 10.449031444116589 < 9.174662514150944 - 1.2585915476852458, VDDSHV2_Power out of expected range: max-> 32.885650900520595 > 8.998969570754717 + 7.89901054152222 || min-> 2.3435175364884357 < 8.998969570754717 - 7.89901054152222, VDDSHV3_Power out of expected range: max-> 0.17594001073109908 > 0.16806042924528303 + 0.006792360442702998 || min-> 0.1662976756216373 < 0.16806042924528303 - 0.006792360442702998, VDDSHV4_Power out of expected range: max-> 0.0822184324680818 > 0.07792449056603773 + 0.004130019132290718 || min-> 0.06585676147357954 < 0.07792449056603773 - 0.004130019132290718, VDDSHV6_Power out of expected range: max-> 62.32725558649989 > 30.742379405660376 + 3.6360821041849487 || min-> 37.65469539686279 < 30.742379405660376 - 3.6360821041849487, Total_Power out of expected range: max-> 655.5112683285917 > 449.1857730128618 + 15.19656923714076 || min-> 534.8686536636003 < 449.1857730128618 - 15.19656923714076

LOG PATH

**Test Case amsdkA-327: 3D Graphics power performance**

Summary:

Measure power while running 3D graphics application

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 288.7985481078085 > 168.90522886363635 + 56.06904160831835 || min-> 206.95690193070226 < 168.90522886363635 - 56.06904160831835, VDDS_RTC_Power out of expected range: max-> 0.7726175204043041 > 0.8047531783216784 + 0.01909680662299627 || min-> 0.7711119844591503 < 0.8047531783216784 - 0.01909680662299627, VDDS_DDR_Power out of expected range: max-> 165.03786065972682 > 85.22233474475524 + 34.5546328208171 || min-> 155.1194879357831 < 85.22233474475524 - 34.5546328208171, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.5084563065955816 > 2.2115724615384615 + 0.07157174651580434 || min-> 2.2581113131597648 < 2.2115724615384615 - 0.07157174651580434, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 4.134157062200611 > 1.8689807517482517 + 0.39276429065556556 || min-> 2.7203720334882115 < 1.8689807517482517 - 0.39276429065556556, VDDS_PLL_DDR_Power out of expected range: max-> 1.9943178819655476 > 1.874882902097902 + 0.056460281906419545 || min-> 1.9927492972288867 < 1.874882902097902 - 0.056460281906419545, VDDS_PLL_CORE_LCD_Power out of expected |

range: max-> 13.715652902523617 > 14.26447358041958 + 0.28047689603307097 || min-> 13.710499454814647 < 14.26447358041958 - 0.28047689603307097, VDDS_PLL_MPU_Power out of expected range: max-> 2.014765498792935 > 1.9226398601398602 + 0.042275699361121764 || min-> 2.012144176389444 < 1.9226398601398602 - 0.042275699361121764, VDDS_OSC_Power out of expected range: max-> 1.2380150467119544 > 1.2048306610169492 + 0.0330692035519665 || min-> 1.2347781629764936 < 1.2048306610169492 - 0.0330692035519665, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.91701923188648 > 34.99952867372882 + 1.6908570589873348 || min-> 32.81805476150099 < 34.99952867372882 - 1.6908570589873348, VDDSHV2_Power out of expected range: max-> 32.50287376821215 > 8.294572817796611 + 7.889476107187837 || min-> 2.0757382967501012 < 8.294572817796611 - 7.889476107187837, VDDSHV3_Power out of expected range: max-> 0.1770813112841238 > 0.16867861440677964 + 0.006775396625561253 || min-> 0.16568017005369334 < 0.16867861440677964 - 0.006775396625561253, VDDSHV4_Power out of expected range: max-> 0.07973533181983959 > 0.07863250423728814 + 0.00449127260550988 || min-> 0.06973732751506799 < 0.07863250423728814 - 0.00449127260550988, VDDSHV6_Power out of expected range: max-> 62.32046010368156 > 30.869684754237287 + 3.9127287366031043 || min-> 34.44228910177078 < 30.869684754237287 - 3.9127287366031043, Total_Power out of expected range: max-> 662.3280941256638 > 450.34102076488097 + 16.7113072973549 || min-> 533.528338099718 < 450.34102076488097 - 16.7113072973549

LOG PATH

**Test Case amsdkA-328: Audio + Video power performance**

Summary:

Measure power while running video and audio decode and playback

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 265.591497998724 > 169.11486326223778 + 56.095867482225266 || min-> 206.93124208195897 < 169.11486326223778 - 56.095867482225266, VDDS_RTC_Power out of expected range: max-> 0.7722751718870504 > 0.8046971048951049 + 0.01903522503914056 || min-> 0.7709898956527441 < 0.8046971048951049 - 0.01903522503914056, VDDS_DDR_Power out of expected range: max-> 159.7074068490938 > 85.7648989965035 + 34.26363905900229 || min-> 155.64583271567565 < 85.7648989965035 - 34.26363905900229, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.4605067257621993 > 2.2131364125874122 + 0.06584955511444378 || min-> 2.2581821442092225 < 2.2131364125874122 - 0.06584955511444378, VDDS_SRAM_MPU_BB_Power out of expected |

range: max-> 3.665922926404285 > 1.8606213111888112 + 0.3921039434161369 || min-> 2.7212710049887097 < 1.8606213111888112 - 0.3921039434161369, VDDS_PLL_DDR_Power out of expected range: max-> 1.994127005963442 > 1.875158769230769 + 0.0563587441061015 || min-> 1.992713313293072 < 1.875158769230769 - 0.0563587441061015, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.715998378682213 > 14.26675951048951 + 0.2818631556682536 || min-> 13.710486978910614 < 14.26675951048951 - 0.2818631556682536, VDDS_PLL_MPU_Power out of expected range: max-> 2.015261579176333 > 1.9228030839160841 + 0.042113211582039345 || min-> 2.012811687991667 < 1.9228030839160841 - 0.042113211582039345, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.93942846041175 > 34.96663204237288 + 1.7146234680501675 || min-> 32.820676093343515 < 34.96663204237288 - 1.7146234680501675, VDDA_ADC_Power out of expected range: max-> 0.7992189460933624 > 0.8430378771186441 + 0.045304948178223926 || min-> 0.7971991572708703 < 0.8430378771186441 - 0.045304948178223926, VDDSHV2_Power out of expected range: max-> 32.79605851758006 > 7.472957266949153 + 7.585099378296516 || min-> 2.0103885389856164 < 7.472957266949153 - 7.585099378296516, VDDSHV3_Power out of expected range: max-> 0.18044345424860037 > 0.16905278813559324 + 0.006656156441685509 || min-> 0.16613504140780394 < 0.16905278813559324 - 0.006656156441685509, VDDSHV4_Power out of expected range: max-> 0.08082589095547284 > 0.07858006779661017 + 0.004046440536651845 || min-> 0.06661025381563829 < 0.07858006779661017 - 0.004046440536651845, VDDSHV6_Power out of expected range: max-> 62.14543770341883 > 30.576778080508475 + 3.8406652808115838 || min-> 36.93797846935279 < 30.576778080508475 - 3.8406652808115838, Total_Power out of expected range: max-> 658.7019126501808 > 450.3698069345238 + 15.381570231866894 || min-> 534.2202830351896 < 450.3698069345238 - 15.381570231866894

LOG PATH

### 3.7.4 Test Suite : DVFS-userspace

# 3.7.4.1 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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 286.93548481670035 > 234.65384379448622 + 13.430612612514128 \|\| min-> 208.8405479283237 < 234.65384379448622 - 13.430612612514128, VDD_MPU_Power out of expected range: max-> 267.7837053250359 > 246.7717558972431 + 16.782664354989638 \|\| min-> 219.9924750771259 < 246.7717558972431 - 16.782664354989638, VDDS_DDR_Power out of expected range: max-> 163.4190074934489 > 161.09104023057645 + 1.0379507931344718 \|\| min-> 158.93485418951607 < 161.09104023057645 - 1.0379507931344718, VDDS_Power out of expected range: max-> 2.549824437999222 > 2.426876994987469 + 0.2564564301698616 \|\| min-> 1.6375437944078401 < 2.426876994987469 - 0.2564564301698616, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.647811289325938 > 2.4953615664160402 + 0.07574410583932828 \|\| min-> 2.40384048067257 < 2.4953615664160402 - 0.07574410583932828, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.8033197705177524 > 3.6052844837092732 + 0.14514168972707175 \|\| min-> 3.453752866007999 < 3.6052844837092732 - 0.14514168972707175, VDDS_PLL_DDR_Power out of expected range: max-> 1.9961169579802849 > 1.9935155839599 + 0.00150458854176739 \|\| min-> 1.9940630102721593 < 1.9935155839599 - 0.00150458854176739, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.727275710434654 > 13.71834530576441 + 0.007165602648755474 \|\| min-> 13.718853644198909 < 13.71834530576441 - 0.007165602648755474, VDDS_PLL_MPU_Power out of expected range: max-> 4.525016920138378 > 4.490288245614035 + 0.01933862804996303 \|\| min-> 4.5219202943777175 < 4.490288245614035 - 0.01933862804996303, VDDS_OSC_Power out of expected range: max-> 1.2330965498189737 > 1.23058376 + 0.0006739183345037634 \|\| min-> 1.22957932650385 < 1.23058376 - 0.0006739183345037634, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.979774609981405 > 32.85036267 + 0.042250329872522904 \|\| min-> 32.71396815341533 < 32.85036267 - 0.042250329872522904, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.428151578634937 > 10.424054450000002 + 0.0022925957178368686 \|\| min-> 10.415470443842443 < 10.424054450000002 - 0.0022925957178368686, VDDA_ADC_Power out of expected range: max-> 0.7974592532696367 > 0.79585668 + 0.0004766246830893896 7 \|\| min-> 0.7949995658817419 < 0.79585668 - |

0.00047662468308938967, VDDSHV1_Power out of expected range: max-> 0.4155151536786102 > 0.40561437 + 0.0032833909398252556 || min-> 0.39568520125656154 < 0.40561437 - 0.0032833909398252556, VDDSHV2_Power out of expected range: max-> 33.34613966380777 > 31.05638298 + 6.591330861428099 || min-> 2.5215065037386095 < 31.05638298 - 6.591330861428099, VDDSHV3_Power out of expected range: max-> 0.18357331494392665 > 0.17210379 + 0.002531711529496871 || min-> 0.1684475971922993 < 0.17210379 - 0.002531711529496871, VDDSHV4_Power out of expected range: max-> 0.0833973468664516 > 0.07443987 + 0.002762621062405058 || min-> 0.06953648109157737 < 0.07443987 - 0.002762621062405058, VDDSHV5_Power out of expected range: max-> 14.245838876653208 > 14.22805828 + 0.011356523664302927 || min-> 14.179221743938186 < 14.22805828 - 0.011356523664302927, VDDSHV6_Power out of expected range: max-> 63.88722805774831 > 61.63344879 + 4.819694771177956 || min-> 37.85874311780183 < 61.63344879 - 4.819694771177956, Total_Power out of expected range: max-> 902.1904972053131 > 710.3365580551379 + 70.76399251644949 || min-> 717.1248123597156 < 710.3365580551379 - 70.76399251644949

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 270.6600913399468 > 240.28087346 + 15.51676445316303 || min-> 208.8207731982067 < 240.28087346 - 15.51676445316303, VDD_MPU_Power out of expected range: max-> 254.15099480677662 > 241.231709825 + 16.565644171025117 || min-> 219.94711172636642 < 241.231709825 - 16.565644171025117, VDDS_RTC_Power out of expected range: max-> 0.7742469425567852 > 0.77231722 + 0.0012903552046720345 || min-> 0.7725971530094694 < 0.77231722 - 0.0012903552046720345, VDDS_DDR_Power out of expected range: max-> 163.95783549075287 > 160.850321425 + 1.0727602396825984 || min-> 158.8450202634277 < 160.850321425 - 1.0727602396825984, VDDS_Power out of expected range: max-> 2.520719015209878 > 2.438316595 + 0.24633646873075918 || min-> 1.6358855456457115 < 2.438316595 - 0.24633646873075918, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.6822276441498842 > 2.52598949 + 0.08544345692442497 || min-> 2.4124878282677487 < 2.52598949 - 0.08544345692442497, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 4.256341345371804 > 3.6494152300000002 + 0.13056654301474524 || min-> 3.4664964037026866 < 3.6494152300000002 - 0.13056654301474524,

VDDS_PLL_DDR_Power out of expected range: max-> 1.996003608890109 > 1.9945312000000002 + 0.000409959625425209 || min-> 1.9943430886534321 < 1.9945312000000002 - 0.000409959625425209, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.728904529976111 > 13.723141015000001 + 0.0023441201435713296 || min-> 13.720236772578925 < 13.723141015000001 - 0.0023441201435713296, VDDS_PLL_MPU_Power out of expected range: max-> 4.524766844756722 > 4.502255905 + 0.02108825419410243 || min-> 4.523093609632541 < 4.502255905 - 0.02108825419410243, VDDS_OSC_Power out of expected range: max-> 1.2325599324317646 > 1.22998836 + 0.000563417162864564 || min-> 1.2292456476044218 < 1.22998836 - 0.000563417162864564, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.900215551688675 > 32.8304202 + 0.02331755813049706 || min-> 32.7094236404561 < 32.8304202 - 0.02331755813049706, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.425314084204231 > 10.42146142 + 0.0021605862367604528 || min-> 10.414540841429401 < 10.42146142 - 0.0021605862367604528, VDDA_ADC_Power out of expected range: max-> 0.797770926422637 > 0.79568696 + 0.000473207365250784 || min-> 0.7952941666083638 < 0.79568696 - 0.000473207365250784, VDDSHV1_Power out of expected range: max-> 0.4152603842387599 > 0.40498795 + 0.003996255165901701 || min-> 0.39743875341944707 < 0.40498795 - 0.003996255165901701, VDDSHV2_Power out of expected range: max-> 32.83621578777539 > 31.116756300000002 + 6.608044101310069 || min-> 2.4579648184870138 < 31.116756300000002 - 6.608044101310069, VDDSHV3_Power out of expected range: max-> 0.17977039179033666 > 0.17221545 + 0.0029930527805189402 || min-> 0.16763393873061394 < 0.17221545 - 0.0029930527805189402, VDDSHV4_Power out of expected range: max-> 1.1961707456776298 > 0.07457214 + 0.002766308085634493 || min-> 0.07235687316039958 < 0.07457214 - 0.002766308085634493, VDDSHV5_Power out of expected range: max-> 14.248210897044723 > 14.231356270000001 + 0.018818278553386386 || min-> 14.198446951880939 < 14.231356270000001 - 0.018818278553386386, VDDSHV6_Power out of expected range: max-> 62.69416034257332 > 61.56639139 + 4.864065119652086 || min-> 37.79470595440311 < 61.56639139 - 4.864065119652086, Total_Power out of expected range: max-> 847.8770145194405 > 748.390789575 + 81.57828662472788 || min-> 716.8363400825733 < 748.390789575 - 81.57828662472788

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

Last Result: **Failed**

Build 2013-6-14

| | |
|---|---|
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 269.6535257266064 > 236.03030796000002 + 13.525999480409634 \|\| min-> 208.87474662347157 < 236.03030796000002 - 13.525999480409634, VDD_MPU_Power out of expected range: max-> 267.1640231359258 > 244.48662998666666 + 16.96563436659377 \|\| min-> 220.07041826651022 < 244.48662998666666 - 16.96563436659377, VDDS_DDR_Power out of expected range: max-> 163.21022784979772 > 160.98955601999998 + 1.118816510678958 \|\| min-> 159.74454502288972 < 160.98955601999998 - 1.118816510678958, VDDS_Power out of expected range: max-> 2.5206470362865443 > 2.4274883133333334 + 0.26291843915731433 \|\| min-> 1.6261786737699246 < 2.4274883133333334 - 0.26291843915731433, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.684369273875185 > 2.50134901 + 0.08377869501139822 \|\| min-> 2.4342194028312765 < 2.50134901 - 0.08377869501139822, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 4.285418080865912 > 3.6141138866666664 + 0.12714957432356652 \|\| min-> 3.4953276637025614 < 3.6141138866666664 - 0.12714957432356652, VDDS_PLL_DDR_Power out of expected range: max-> 1.996078132223111 > 1.9943761433333336 + 0.0003821732335494559 \|\| min-> 1.9946516507466003 < 1.9943761433333336 - 0.0003821732335494559, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.728854340211713 > 13.722029306666666 + 0.002580538383314167 \|\| min-> 13.720141370147942 < 13.722029306666666 - 0.002580538383314167, VDDS_PLL_MPU_Power out of expected range: max-> 4.524898672438401 > 4.495050389999999 + 0.020213112755642238 \|\| min-> 4.522928752992716 < 4.495050389999999 - 0.020213112755642238, VDDS_OSC_Power out of expected range: max-> 1.2314439641935009 > 1.23001278 + 0.000586925452281716 \|\| min-> 1.2282474220986357 < 1.23001278 - 0.000586925452281716, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.995176839805126 > 32.84695623 + 0.03182741439526202 \|\| min-> 32.737494725289814 < 32.84695623 - 0.03182741439526202, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.42502445685256 > 10.422054390000001 + 0.002160686785744049 \|\| min-> 10.412473250808052 < 10.422054390000001 - 0.002160686785744049, VDDA_ADC_Power out of expected range: max-> 0.7970842697366401 > 0.79576989 + 0.0004629389948800395 \|\| min-> 0.7945008712747366 < 0.79576989 - 0.0004629389948800395, VDDSHV1_Power out of expected range: max-> 0.41305293994086756 > 0.40611025 + 0.0031662431834052224 \|\| min-> 0.394807982538332 < 0.40611025 - 0.0031662431834052224, VDDSHV2_Power out of expected range: max-> 32.84014171804867 > 31.014779880000003 + 6.622721046956853 \|\| min-> 2.269865915747184 < 31.014779880000003 - 6.622721046956853, VDDSHV3_Power out of expected range: max-> 0.1805312096586209 > 0.17256127 + 0.0028494365891983298 \|\| min-> 0.1681362182503697 < 0.17256127 - 0.0028494365891983298, VDDSHV4_Power out of expected range: max-> 0.08463094895804021 > 0.07488754 + 0.0029638142140412643 \|\| min-> 0.0694308135420864 7 < 0.07488754 - 0.0029638142140412643, VDDSHV5_Power out of expected |

range: max-> 14.251532029018817 > 14.23121381 + 0.018222088530426568 || min-> 14.207410963031933 < 14.23121381 - 0.018222088530426568, VDDSHV6_Power out of expected range: max-> 62.69086396883673 > 61.274447769999995 + 5.430701403956173 || min-> 37.39395299090945 < 61.274447769999995 - 5.430701403956173, Total_Power out of expected range: max-> 870.9285800594334 > 721.8555210866666 + 76.13112980270964 || min-> 718.1192963894262 < 721.8555210866666 - 76.13112980270964

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 269.1537383876489 > 236.31833316666666 + 14.150205653574963 || min-> 209.00114286128135 < 236.31833316666666 - 14.150205653574963, VDD_MPU_Power out of expected range: max-> 241.66947097067984 > 244.36398154 + 16.716435272187695 || min-> 220.193356534087 < 244.36398154 - 16.716435272187695, VDDS_RTC_Power out of expected range: max-> 0.7748181828282692 > 0.7723535066666667 + 0.0013930332043338674 || min-> 0.7732416046420151 < 0.7723535066666667 - 0.0013930332043338674, VDDS_DDR_Power out of expected range: max-> 163.0031505653045 > 160.82854469333333 + 1.0052504660415496 || min-> 158.65253857136722 < 160.82854469333333 - 1.0052504660415496, VDDS_Power out of expected range: max-> 2.5261906779646126 > 2.42955752 + 0.2578497793428182 || min-> 1.6408539789599297 < 2.42955752 - 0.2578497793428182, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.698154797231226 > 2.5021995633333334 + 0.08618310165677426 || min-> 2.450266084186535 < 2.5021995633333334 - 0.08618310165677426, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.9838549112218393 > 3.6158562366666667 + 0.13589453080893443 || min-> 3.517496099342097 < 3.6158562366666667 - 0.13589453080893443, VDDS_PLL_DDR_Power out of expected range: max-> 1.9966711734718483 > 1.9944101666666665 + 0.00043326940882547577 || min-> 1.9948103830483792 < 1.9944101666666665 - 0.00043326940882547577, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.729907608282959 > 13.72193391 + 0.002471156437023769 || min-> 13.722823255827358 < 13.72193391 - 0.002471156437023769, VDDS_PLL_MPU_Power out of expected range: max-> 4.5254461469635014 > 4.495036733333333 + 0.020310614322973142 ||

min-> 4.5229747225913535 < 4.495036733333333 - 0.020310614322973142, VDDS_OSC_Power out of expected range: max-> 1.2309487086425397 > 1.23008502 + 0.0005627956908029235 || min-> 1.2275111332208066 < 1.23008502 - 0.0005627956908029235, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.86763093886111 > 32.826246569999995 + 0.03128954973287522 || min-> 32.69668327347892 < 32.826246569999995 - 0.03128954973287522, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.426042380787395 > 10.422889640000001 + 0.0022116269131878196 || min-> 10.409794056134675 < 10.422889640000001 - 0.0022116269131878196, VDDA_ADC_Power out of expected range: max-> 0.7967728279494584 > 0.79564476 + 0.00039681120659938317 || min-> 0.7941726984768058 < 0.79564476 - 0.00039681120659938317, VDDSHV1_Power out of expected range: max-> 0.4097327254287314 > 0.40589958000000004 + 0.003289247223381957 || min-> 0.39397393277880355 < 0.40589958000000004 - 0.003289247223381957, VDDSHV2_Power out of expected range: max-> 32.842706157202954 > 31.014478330000003 + 6.563858407206773 || min-> 2.569694709619413 < 31.014478330000003 - 6.563858407206773, VDDSHV3_Power out of expected range: max-> 0.18128967934743753 > 0.17264715 + 0.0028641985283146994 || min-> 0.16614954484910027 < 0.17264715 - 0.0028641985283146994, VDDSHV4_Power out of expected range: max-> 0.08331289061585102 > 0.07633693 + 0.002878537467994181 || min-> 0.0720088587885558 < 0.07633693 - 0.002878537467994181, VDDSHV6_Power out of expected range: max-> 62.81738033029488 > 61.55759342 + 4.773830957213851 || min-> 38.06481252301007 < 61.55759342 - 4.773830957213851, Total_Power out of expected range: max-> 850.4605942590249 > 721.9543211066666 + 76.97309512741232 || min-> 718.8772982020229 < 721.9543211066666 - 76.97309512741232

LOG PATH

**Test Case amsdkA-350: Dhrystone power performance with PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 279.6378807120452 > 236.56245066 + 14.405171156169574 || min-> 209.14566720030234 < 236.56245066 - 14.405171156169574, VDD_MPU_Power out of expected range: max-> 249.63111152564298 > 244.32841505666667 + 16.789220882061752 || min-> 220.13458759937373 < 244.32841505666667 - 16.789220882061752, VDDS_RTC_Power out of expected range: max-> 0.7750992121986453 > 0.77223186 + 0.0012448157136420548 || min-> 0.7734661094153018 < 0.77223186 - 0.0012448157136420548, VDDS_DDR_Power out of expected range: max-> |

163.21736225753418 > 160.92944373999998 + 1.0373509148687539 || min-> 159.08516013683698 < 160.92944373999998 - 1.0373509148687539, VDDS_Power out of expected range: max-> 2.521387336095427 > 2.4282882766666667 + 0.26283385281170085 || min-> 1.6270832667321458 < 2.4282882766666667 - 0.26283385281170085, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.722565429613831 > 2.5017720999999997 + 0.08907206316449197 || min-> 2.4738863554801473 < 2.5017720999999997 - 0.08907206316449197, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 4.330199400745289 > 3.610431936666666 + 0.12725470481298967 || min-> 3.54739446463288 < 3.610431936666666 - 0.12725470481298967, VDDS_PLL_DDR_Power out of expected range: max-> 1.9969939861252253 > 1.9944019433333335 + 0.0005348349131975349 || min-> 1.9954031200360087 < 1.9944019433333335 - 0.0005348349131975349, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.730831925015167 > 13.721650243333334 + 0.0029156991029543047 || min-> 13.726047560766268 < 13.721650243333334 - 0.0029156991029543047, VDDS_PLL_MPU_Power out of expected range: max-> 4.526003080838725 > 4.494902823333334 + 0.02053682857180207 || min-> 4.523737791120692 < 4.494902823333334 - 0.02053682857180207, VDDS_OSC_Power out of expected range: max-> 1.2303992583814767 > 1.22986551 + 0.0006091162996314472 || min-> 1.227206966614706 < 1.22986551 - 0.0006091162996314472, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.97717525024629 > 32.82339961 + 0.03752039514946657 || min-> 32.712462881950955 < 32.82339961 - 0.03752039514946657, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.42345839740002 > 10.42144849 + 0.002185876778267878 || min-> 10.408696640795714 < 10.42144849 - 0.002185876778267878, VDDA_ADC_Power out of expected range: max-> 0.7968701657010774 > 0.79591277 + 0.0005707968265365407 || min-> 0.7941037332328559 < 0.79591277 - 0.0005707968265365407, VDDSHV1_Power out of expected range: max-> 0.40963922401800656 > 0.40520319 + 0.0026958280195558564 || min-> 0.39142964882456754 < 0.40520319 - 0.0026958280195558564, VDDSHV2_Power out of expected range: max-> 32.85604070715313 > 30.97926903 + 6.612000691036368 || min-> 2.354817697125413 < 30.97926903 - 6.612000691036368, VDDSHV3_Power out of expected range: max-> 0.1812853377429851 > 0.17309323 + 0.0029752732099485742 || min-> 0.16831586449932764 < 0.17309323 - 0.0029752732099485742, VDDSHV4_Power out of expected range: max-> 0.08799135545183503 > 0.07526174000000001 + 0.0028833363412840416 || min-> 0.06730873185538006 < 0.07526174000000001 - 0.0028833363412840416, VDDSHV5_Power out of expected range: max-> 14.264975982596482 > 14.22750654 + 0.018276337221975646 || min-> 14.233243591834105 < 14.22750654 - 0.018276337221975646, VDDSHV6_Power out of expected range: max-> 62.73999542127734 > 61.529136179999995 + 4.845564901553463 || min-> 37.60404068184277 < 61.529136179999995 - 4.845564901553463, Total_Power out of expected range: max-> 863.2131111982582 > 722.2306874 + 76.63836780291703 || min-> 718.8240859757549 <

722.2306874 - 76.63836780291703

LOG PATH

**Test Case amsdkA-351: 3D Graphics power performance**

Summary:

Measure power while running 3D graphics application

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 295.61290243486167 > 238.2938445133333 + 16.146222110247148 \|\| min-> 244.5669245693219 < 238.2938445133333 - 16.146222110247148, VDD_MPU_Power out of expected range: max-> 303.54805161645004 > 245.86781815 + 18.097781082559123 \|\| min-> 227.49631970646757 < 245.86781815 - 18.097781082559123, VDDS_DDR_Power out of expected range: max-> 168.09841458932024 > 160.97917181333332 + 1.243376575166276 \|\| min-> 159.53194803187657 < 160.97917181333332 - 1.243376575166276, VDDS_Power out of expected range: max-> 2.5190131695913123 > 2.427394876666667 + 0.26587448832904564 \|\| min-> 1.571538698138648 < 2.427394876666667 - 0.26587448832904564, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.835733666456587 > 2.5122623166666664 + 0.10195567069035641 \|\| min-> 2.65740126435036 < 2.5122623166666664 - 0.10195567069035641, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 5.443896759583339 > 3.64983456 + 0.2729706661496766 \|\| min-> 3.803943250196686 < 3.64983456 - 0.2729706661496766, VDDS_PLL_DDR_Power out of expected range: max-> 1.997221635148486 > 1.9944041366666667 + 0.000679105417569446 \|\| min-> 1.9951859166276944 < 1.9944041366666667 - 0.000679105417569446, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.73274883389024 > 13.721985426666667 + 0.0034742744391450427 \|\| min-> 13.727825902543929 < 13.721985426666667 - 0.0034742744391450427, VDDS_PLL_MPU_Power out of expected range: max-> 4.526138760940154 > 4.49503829 + 0.020396031334301692 \|\| min-> 4.522056868603014 < 4.49503829 - 0.020396031334301692, VDDS_OSC_Power out of expected range: max-> 1.228097876004359 > 1.22911876 + 0.00025389105707639874 \|\| min-> 1.2264989812254607 < 1.22911876 - 0.00025389105707639874, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.99432061979175 > 32.78684433 + 0.03123356694435588 \|\| min-> 32.71189893627599 < 32.78684433 - 0.03123356694435588, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.412764842294964 > 10.419313449999999 + 0.0016455170493628022 \|\| min-> 10.403976257514387 < 10.419313449999999 - 0.0016455170493628022, VDDA_ADC_Power out of expected range: max-> 0.795901672942137 > 0.7953665999999999 + |

0.0005041288515016187 || min-> 0.7934765976310456 < 0.7953665999999999 - 0.0005041288515016187, VDDSHV1_Power out of expected range: max-> 0.41056415399985563 > 0.40360723 + 0.0036713319806600496 || min-> 0.39465280372000894 < 0.40360723 - 0.0036713319806600496, VDDSHV2_Power out of expected range: max-> 32.86238026730044 > 31.17159294 + 6.071402399271603 || min-> 3.362944195949288 < 31.17159294 - 6.071402399271603, VDDSHV3_Power out of expected range: max-> 0.18345315179779395 > 0.17209138 + 0.0026240784232398943 || min-> 0.16564044563760386 < 0.17209138 - 0.0026240784232398943, VDDSHV4_Power out of expected range: max-> 0.08426821986745812 > 0.07484834 + 0.002205594183301644 || min-> 0.0711600730332047 < 0.07484834 - 0.002205594183301644, VDDSHV5_Power out of expected range: max-> 14.282863566478422 > 14.23404352 + 0.018167868907472292 || min-> 14.24342062043439 < 14.23404352 - 0.018167868907472292, VDDSHV6_Power out of expected range: max-> 62.71402835402412 > 61.145952740000006 + 6.10825989436079 || min-> 34.125186957368655 < 61.145952740000006 - 6.10825989436079, Total_Power out of expected range: max-> 894.7167551385315 > 725.53736187 + 79.72511086281109 || min-> 817.9780784794663 < 725.53736187 - 79.72511086281109

LOG PATH

**Test Case amsdkA-352: Audio + Video power performance**

Summary:

Measure power while running video and audio decode and playback

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 269.4217542885974 > 240.68708947474747 + 16.115690542073438 || min-> 209.25752076509997 < 240.68708947474747 - 16.115690542073438, VDD_MPU_Power out of expected range: max-> 238.9002793823855 > 240.58622046464646 + 16.04937678459092 || min-> 220.1694667013589 < 240.58622046464646 - 16.04937678459092, VDDS_DDR_Power out of expected range: max-> 163.36272999358917 > 160.9008012020202 + 1.0469551028119306 || min-> 158.01966234980262 < 160.9008012020202 - 1.0469551028119306, VDDS_Power out of expected range: max-> 2.5188905882791914 > 2.434005090909091 + 0.2519535757220553 || min-> 1.6148483343067792 < 2.434005090909091 - 0.2519535757220553, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.744974369151406 > 2.5288661313131313 + 0.10366697460003473 || min-> 2.494951509202004 < 2.5288661313131313 - 0.10366697460003473, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 4.220388501195112 > 3.6589366262626264 + 0.21020292913078073 || min-> 3.580521991173009 < 3.6589366262626264 -

0.21020292913078073, VDDS_PLL_DDR_Power out of expected range: max-> 1.9970833680944622 > 1.9945867121212122 + 0.0005782444962529351 || min-> 1.9953332192929083 < 1.9945867121212122 - 0.0005782444962529351, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.734763859045065 > 13.723052752525252 + 0.003716460166085704 || min-> 13.7284210109064 < 13.723052752525252 - 0.003716460166085704, VDDS_PLL_MPU_Power out of expected range: max-> 4.527012398555021 > 4.50232404040404 + 0.02144992629143878 || min-> 4.52410037891855 < 4.50232404040404 - 0.02144992629143878, VDDS_OSC_Power out of expected range: max-> 1.229746400736525 > 1.2290904285714286 + 0.0005955385849945449 || min-> 1.226667904479072 < 1.2290904285714286 - 0.0005955385849945449, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.86760969348536 > 32.780163520408166 + 0.03169529211219915 || min-> 32.71277956282674 < 32.780163520408166 - 0.03169529211219915, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.419728417680036 > 10.41795356122449 + 0.0027814270955596244 || min-> 10.40702623166514 < 10.41795356122449 - 0.0027814270955596244, VDDA_ADC_Power out of expected range: max-> 0.796123899106307 > 0.7953550408163266 + 0.0005390590296920719 || min-> 0.7937116590643483 < 0.7953550408163266 - 0.0005390590296920719, VDDSHV1_Power out of expected range: max-> 0.41015381569122566 > 0.4039050408163265 + 0.003825261004288244 || min-> 0.3910814214445497 < 0.4039050408163265 - 0.003825261004288244, VDDSHV2_Power out of expected range: max-> 32.87126548496609 > 30.998836612244897 + 6.7538338072899835 || min-> 2.049675786246091 < 30.998836612244897 - 6.7538338072899835, VDDSHV3_Power out of expected range: max-> 0.18234328404080258 > 0.17167149999999998 + 0.0030389509168886938 || min-> 0.168714516718199 < 0.17167149999999998 - 0.0030389509168886938, VDDSHV4_Power out of expected range: max-> 0.08280486876033784 > 0.07460867346938775 + 0.0026389091536359825 || min-> 0.06928076920347598 < 0.07460867346938775 - 0.0026389091536359825, VDDSHV5_Power out of expected range: max-> 14.273106875539547 > 14.232680051020408 + 0.012163998766147148 || min-> 14.239398708926526 < 14.232680051020408 - 0.012163998766147148, VDDSHV6_Power out of expected range: max-> 62.755708184427036 > 61.52533157142857 + 5.053841045650347 || min-> 36.916654768589865 < 61.52533157142857 - 5.053841045650347, Total_Power out of expected range: max-> 847.1667483175264 > 747.3648799444445 + 82.01721223497373 || min-> 715.8161658678182 < 747.3648799444445 - 82.01721223497373

LOG PATH

# 3.7.4.2 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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 209.60258029570815 > 166.19756320857144 + 36.298646760220315 \|\| min-> 208.34069833016196 < 166.19756320857144 - 36.298646760220315, VDD_MPU_Power out of expected range: max-> 162.0145486307784 > 173.90013246571428 + 35.785636017887875 \|\| min-> 124.36060744251253 < 173.90013246571428 - 35.785636017887875, VDDS_RTC_Power out of expected range: max-> 0.7744021703416472 > 0.8044661714285714 + 0.02943375153016741 \|\| min-> 0.7730069270636366 < 0.8044661714285714 - 0.02943375153016741, VDDS_Power out of expected range: max-> 2.5157678972073088 > 1.872473157142857 + 0.5491787422108649 \|\| min-> 1.635034340565897 < 1.872473157142857 - 0.5491787422108649, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.5516722510642054 > 2.3018501085714287 + 0.08651251933179058 \|\| min-> 2.422256297567375 < 2.3018501085714287 - 0.08651251933179058, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.402948358254085 > 2.8552674057142857 + 0.1580477572175678 \|\| min-> 2.94470050914616 < 2.8552674057142857 - 0.1580477572175678, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.92576131600234 > 34.550600949999996 + 1.753088156448698 \|\| min-> 32.781672093671716 < 34.550600949999996 - 1.753088156448698, VDDSHV2_Power out of expected range: max-> 32.73165552829165 > 6.555802334999999 + 7.342207056239426 \|\| min-> 2.477901951081538 < 6.555802334999999 - 7.342207056239426, VDDSHV3_Power out of expected range: max-> 0.1806679837478254 > 0.16764746 + 0.007050724724744363 \|\| min-> 0.1657848910131674 3 < 0.16764746 - 0.007050724724744363, VDDSHV6_Power out of expected range: max-> 62.62751026037708 > 33.959376975 + 5.600984301941289 \|\| min-> 37.90074664060423 < 33.959376975 - 5.600984301941289, Total_Power out of expected range: max-> 716.7780728474685 > 550.5076698166666 + 33.0848576020889 \|\| min-> 619.3519568700431 < 550.5076698166666 - 33.0848576020889<br><br>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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 219.99480507130286 > 172.38085141811848 + 35.50888385131017 \|\| min-> 208.36960384367467 < 172.38085141811848 - 35.50888385131017, VDD_MPU_Power out of expected range: max-> 197.72113056988823 > 166.1755695087108 + 35.757528149116254 \|\| min-> 124.54272523531108 < 166.1755695087108 - 35.757528149116254, VDDS_RTC_Power out of expected range: max-> 0.7740464186485954 > 0.8081679303135889 + 0.033124007858507436 \|\| min-> 0.7728893736024325 < 0.8081679303135889 - 0.033124007858507436, VDDS_Power out of expected range: max-> 2.4838255691956337 > 1.9169126689895473 + 0.5155755328028557 \|\| min-> 1.631870756888683 < 1.9169126689895473 - 0.5155755328028557, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.610692349851856 > 2.309821425087108 + 0.08054303171312874 \|\| min-> 2.4256589482727122 < 2.309821425087108 - 0.08054303171312874, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.2329250449760036 > 2.869857808362369 + 0.15829258181954203 \|\| min-> 2.9478415094271293 < 2.869857808362369 - 0.15829258181954203, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.915977367960096 > 34.629277754010694 + 1.7174781807530213 \|\| min-> 32.78374175849868 < 34.629277754010694 - 1.7174781807530213, VDDSHV2_Power out of expected range: max-> 32.78016213048744 > 10.081117684491979 + 8.058007291313457 \|\| min-> 2.4236542318737024 < 10.081117684491979 - 8.058007291313457, VDDSHV3_Power out of expected range: max-> 0.17842435707683807 > 0.16723615508021392 + 0.006914142105213769 \|\| min-> 0.1664639069595259 < 0.16723615508021392 - 0.006914142105213769, VDDSHV4_Power out of expected range: max-> 1.7599719698659386 > 0.07617077005347593 + 0.0047612789853014445 \|\| min-> 0.07112137335316815 < 0.07617077005347593 - 0.0047612789853014445, VDDSHV6_Power out of expected range: max-> 62.5795544907399 > 34.267779262032086 + 4.85537037605681 \|\| min-> 37.79003495460375 < 34.267779262032086 - 4.85537037605681, Total_Power out of expected range: max-> 751.2296135232092 > 565.7491212874743 + 30.182935664650174 \|\| min-> 619.647996068228 < 565.7491212874743 - 30.182935664650174<br><br>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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 209.92351260971955 > 172.34366297250858 + 35.168966580394674 \|\| min-> 208.4043591612739 < 172.34366297250858 - 35.168966580394674, VDD_MPU_Power out of expected range: max-> 127.46830462574307 > 165.98955243298968 + 35.918809878999205 \|\| min-> 124.58095706350613 < 165.98955243298968 - 35.918809878999205, VDDS_RTC_Power out of expected range: max-> 0.7740015677427106 > 0.8085972542955326 + 0.03417751734320985 \|\| min-> 0.7730938597121959 < 0.8085972542955326 - 0.03417751734320985, VDDS_DDR_Power out of expected range: max-> 161.1079876695961 > 113.95574730927835 + 46.763479420137614 \|\| min-> 157.83966906253013 < 113.95574730927835 - 46.763479420137614, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.605466072965904 > 2.2981432268041235 + 0.09091552248729642 \|\| min-> 2.4275970375608003 < 2.2981432268041235 - 0.09091552248729642, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.250953050054663 > 2.869355501718213 + 0.21165166881875516 \|\| min-> 2.951161949610037 < 2.869355501718213 - 0.21165166881875516, VDDS_PLL_DDR_Power out of expected range: max-> 1.9966482268843544 > 1.923112587628866 + 0.07348515715228192 \|\| min-> 1.995139838350851 < 1.923112587628866 - 0.07348515715228192, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.93180392517111 > 34.58281292670157 + 1.721011736804629 \|\| min-> 32.80612785047944 < 34.58281292670157 - 1.721011736804629, VDDSHV2_Power out of expected range: max-> 32.227856269524786 > 10.135519785340314 + 7.9894062087723166 \|\| min-> 2.25600321436949 < 10.135519785340314 - 7.9894062087723166, VDDSHV3_Power out of expected range: max-> 0.18061019046612187 > 0.16748495811518324 + 0.007783133513419174 \|\| min-> 0.167211144351578 < 0.16748495811518324 - 0.007783133513419174, VDDSHV6_Power out of expected range: max-> 61.65500414975065 > 34.282059654450265 + 4.704597474310177 \|\| min-> 37.417757852178816 < 34.282059654450265 - 4.704597474310177, Total_Power out of expected range: max-> 673.8105822247586 > 565.9517631926229 + 29.870252172857647 \|\| min-> 619.0299138312538 < 565.9517631926229 - 29.870252172857647<br><br>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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |

| | |
|---|---|
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 212.45544602736607 > 172.53554897986578 + 34.73977414891184 \|\| min-> 208.43855623464532 < 172.53554897986578 - 34.73977414891184, VDD_MPU_Power out of expected range: max-> 203.62507831999866 > 165.41675710067113 + 35.366938957132874 \|\| min-> 124.43095052895295 < 165.41675710067113 - 35.366938957132874, VDDS_RTC_Power out of expected range: max-> 0.7740657174054426 > 0.8089095536912752 + 0.03492712548939085 \|\| min-> 0.7732591225799782 < 0.8089095536912752 - 0.03492712548939085, VDDS_DDR_Power out of expected range: max-> 161.97849436999653 > 112.31616962751677 + 47.32822789703412 \|\| min-> 158.37451673215782 < 112.31616962751677 - 47.32822789703412, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.5588397528558864 > 2.2958330939597316 + 0.08428626055656825 \|\| min-> 2.429008328065694 < 2.2958330939597316 - 0.08428626055656825, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.565303127821241 > 2.8576760268456374 + 0.15090016593351621 \|\| min-> 2.9544191734651077 < 2.8576760268456374 - 0.15090016593351621, VDDS_PLL_DDR_Power out of expected range: max-> 1.9965400968013167 > 1.9219016375838924 + 0.07312027002288105 \|\| min-> 1.9951877701004677 < 1.9219016375838924 - 0.07312027002288105, VDDSHV2_Power out of expected range: max-> 31.92384967775302 > 9.523181328282828 + 8.032092380563576 \|\| min-> 2.542340621758977 < 9.523181328282828 - 8.032092380563576, VDDSHV3_Power out of expected range: max-> 0.17904469473407134 > 0.16742986363636364 + 0.007252817160992865 5 \|\| min-> 0.16869941806575198 < 0.16742986363636364 - 0.007252817160992865 5, VDDSHV4_Power out of expected range: max-> 1.4926629821936166 > 0.07593222222222222 + 0.005696169530563966 \|\| min-> 0.07114429879587598 < 0.07593222222222222 - 0.005696169530563966, VDDSHV6_Power out of expected range: max-> 61.72930914211516 > 34.732617272727275 + 4.949667368445939 \|\| min-> 38.06787439119735 < 34.732617272727275 - 4.949667368445939, Total_Power out of expected range: max-> 760.4188074870002 > 565.4975942494929 + 29.577530674487328 \|\| min-> 619.7522774127647 < 565.4975942494929 - 29.577530674487328<br><br>LOG PATH |

**Test Case amsdkA-357: Dhrystone power performance with PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | |

Power Performance data collected, VDD_CORE_Power out of expected range: max-> 210.07614705334294 > 172.80579424666666 + 34.695727569456466 || min-> 208.42261034856026 < 172.80579424666666 - 34.695727569456466, VDD_MPU_Power out of expected range: max-> 125.9648317279018 > 165.24957477666666 + 35.271229481376885 || min-> 124.41014110113488 < 165.24957477666666 - 35.271229481376885, VDDS_DDR_Power out of expected range: max-> 161.23011806947412 > 112.12148631999999 + 47.268749877418664 || min-> 157.8685786204458 < 112.12148631999999 - 47.268749877418664, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.666501808930658 > 2.3042185133333333 + 0.0747212622710262 || min-> 2.4288611124287693 < 2.3042185133333333 - 0.0747212622710262, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.233781891673714 > 2.8678214533333333 + 0.14527430564517935 || min-> 2.9532017453365813 < 2.8678214533333333 - 0.14527430564517935, VDDS_PLL_DDR_Power out of expected range: max-> 1.9966948249690262 > 1.9214627499999999 + 0.07309784318317142 || min-> 1.995398507280466 < 1.9214627499999999 - 0.07309784318317142, VDDSHV2_Power out of expected range: max-> 31.776590810908395 > 9.601372925 + 8.085531891279723 || min-> 2.3164345556037915 < 9.601372925 - 8.085531891279723, VDDSHV3_Power out of expected range: max-> 0.18118231701111068 > 0.16787559000000002 + 0.007755450808179258 || min-> 0.16682053339670175 < 0.16787559000000002 - 0.007755450808179258, VDDSHV4_Power out of expected range: max-> 0.08350946615648476 > 0.07645284499999999 + 0.00586425089836462 || min-> 0.06893968901632361 < 0.07645284499999999 - 0.00586425089836462, VDDSHV6_Power out of expected range: max-> 61.92998025395016 > 34.429010444999996 + 4.755071537285695 || min-> 37.59980862573075 < 34.429010444999996 - 4.755071537285695, Total_Power out of expected range: max-> 676.1570819119372 > 565.1323144919678 + 28.889474032579184 || min-> 618.66545251514 < 565.1323144919678 - 28.889474032579184

LOG PATH

**Test Case amsdkA-358: 3D Graphics power performance**

Summary:

Measure power while running 3D graphics application

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 294.34467795650255 > 174.56720421305843 + 38.708984907266206 || min-> 208.43713684980753 < 174.56720421305843 - 38.708984907266206, VDD_MPU_Power out of expected range: max-> 187.1392302144074 > 167.4661866563574 + 35.51456086886522 || min-> |

124.38565859593149 < 167.4661866563574 - 35.51456086886522, VDDS_DDR_Power out of expected range: max-> 167.65241039001629 > 114.26160971477664 + 46.94415747059351 || min-> 154.62343201356 < 114.26160971477664 - 46.94415747059351, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.7689327516778293 > 2.3044758247422683 + 0.10072445162382337 || min-> 2.431174155144635 < 2.3044758247422683 - 0.10072445162382337, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 5.20417177871586 > 2.9020565670103093 + 0.3275635470058758 || min-> 2.953500880254783 < 2.9020565670103093 - 0.3275635470058758, VDDS_PLL_DDR_Power out of expected range: max-> 1.9971355000173692 > 1.9232535017182133 + 0.07341774016171515 || min-> 1.9954699494418764 < 1.9232535017182133 - 0.07341774016171515, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.94741115151987 > 34.540879261780105 + 1.7173801087666922 || min-> 32.78757327745735 < 34.540879261780105 - 1.7173801087666922, VDDSHV2_Power out of expected range: max-> 31.972460898125853 > 10.00172104712042 + 8.14099211148429 || min-> 2.050605767830781 < 10.00172104712042 - 8.14099211148429, VDDSHV3_Power out of expected range: max-> 0.18108525788311813 > 0.16737861256544503 + 0.0076672271225717275 || min-> 0.1649272629605273 < 0.16737861256544503 - 0.0076672271225717275, VDDSHV4_Power out of expected range: max-> 0.7162791621141356 > 0.07943186387434555 + 0.04855347509252371 || min-> 0.07144405160536708 < 0.07943186387434555 - 0.04855347509252371, VDDSHV6_Power out of expected range: max-> 62.73250848476995 > 34.1683949947644 + 4.432827928924449 || min-> 33.33825442091672 < 34.1683949947644 - 4.432827928924449, Total_Power out of expected range: max-> 776.1487495608256 > 568.595843515275 + 36.741683415854126 || min-> 618.257698861027 < 568.595843515275 - 36.741683415854126

LOG PATH

**Test Case amsdkA-359: Audio + Video power performance**

Summary:

Measure power while running video and audio decode and playback

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 209.79693989036596 > 171.2774251098485 + 36.766845338926174 || min-> 208.45185131103983 < 171.2774251098485 - 36.766845338926174, VDD_MPU_Power out of expected range: max-> 179.13673994309994 > 167.0724600909091 + 37.234282736713126 || min-> 124.63132523176763 < 167.0724600909091 - 37.234282736713126, VDDS_Power out of expected range: max-> 2.5188510202698433 > |

1.7842248409090908 + 0.3567878256178314 || min-> 1.6114149194801277 < 1.7842248409090908 - 0.3567878256178314, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.6155998486793877 > 2.305175037878788 + 0.08061698420671616 || min-> 2.431528944305059 < 2.305175037878788 - 0.08061698420671616, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.3823618242338647 > 2.8634250265151517 + 0.1717882021986327 || min-> 2.9578313330432446 < 2.8634250265151517 - 0.1717882021986327, VDDS_OSC_Power out of expected range: max-> 1.2314109287232033 > 1.2006710914634147 + 0.029496338583704828 || min-> 1.2295716509291337 < 1.2006710914634147 - 0.029496338583704828, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.93437812695257 > 34.91446187804878 + 1.669977727836606 || min-> 32.80305186546046 < 34.91446187804878 - 1.669977727836606, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.431524339714262 > 9.229517292682926 + 1.1062951664259444 || min-> 10.422807738543648 < 9.229517292682926 - 1.1062951664259444, VDDSHV1_Power out of expected range: max-> 0.41616818165594016 > 0.46062360975609756 + 0.050799738066508976 || min-> 0.3990154785474068 < 0.46062360975609756 - 0.050799738066508976, VDDSHV2_Power out of expected range: max-> 32.77993549904027 > 11.362115957317073 + 8.126691996919945 || min-> 2.0198124447842094 < 11.362115957317073 - 8.126691996919945, VDDSHV3_Power out of expected range: max-> 0.1785738322414846 > 0.16653186585365853 + 0.006987093917016394 || min-> 0.1671810554075866 < 0.16653186585365853 - 0.006987093917016394, VDDSHV4_Power out of expected range: max-> 1.7506457361079228 > 0.07502224390243903 + 0.004458891203228979 || min-> 0.07070789547935223 < 0.07502224390243903 - 0.004458891203228979, VDDSHV6_Power out of expected range: max-> 62.26758086859241 > 33.09244354878049 + 4.3381628728877475 || min-> 36.92064143827154 < 33.09244354878049 - 4.3381628728877475, Total_Power out of expected range: max-> 672.46979296957 > 565.7262338963283 + 29.78964346209945 || min-> 617.9817403185664 < 565.7262338963283 - 29.78964346209945

LOG PATH

# 3.7.4.3 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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 268.11122767681144 > 118.73448367666667 + 95.61066247597961 \|\| min-> 207.913385861636 < 118.73448367666667 - 95.61066247597961, VDD_MPU_Power out of expected range: max-> 73.54255157074526 > 184.35460034666667 + 94.41387885543755 \|\| min-> 47.07795443240069 < 184.35460034666667 - 94.41387885543755, VDDS_DDR_Power out of expected range: max-> 162.8871304161204 > 160.05129225666667 + 1.3967847267869449 \|\| min-> 154.8660490704621 < 160.05129225666667 - 1.3967847267869449, VDDS_Power out of expected range: max-> 2.5211457744922967 > 2.4239190033333333 + 0.25758718745960585 \|\| min-> 1.639216094705158 < 2.4239190033333333 - 0.25758718745960585, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.635402666168745 > 2.3789607266666666 + 0.08386538212318473 \|\| min-> 2.392030696058856 < 2.3789607266666666 - 0.08386538212318473, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.9433450194224196 > 2.9055469866666668 + 0.11959870864388496 \|\| min-> 2.8969002501120684 < 2.9055469866666668 - 0.11959870864388496, VDDS_PLL_DDR_Power out of expected range: max-> 1.99747855061684 > 1.9929124066666668 + 0.0016838860755846205 \|\| min-> 1.9957407114069539 < 1.9929124066666668 - 0.0016838860755846205, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.732359814985566 > 13.711370433333334 + 0.006631982338014528 \|\| min-> 13.724721385194204 < 13.711370433333334 - 0.006631982338014528, VDDS_PLL_MPU_Power out of expected range: max-> 2.018089999234292 > 2.01281879 + 0.0011661142069576218 \|\| min-> 2.015848008779659 < 2.01281879 - 0.0011661142069576218, VDDS_OSC_Power out of expected range: max-> 1.2319700240816929 > 1.23319435 + 0.0006155625475067238 \|\| min-> 1.2286493522362762 < 1.23319435 - 0.0006155625475067238, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.982268513159035 > 32.85726118 + 0.023532253066173937 \|\| min-> 32.8053032827224 < 32.85726118 - 0.023532253066173937, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.434568926339118 > 10.44030512 + 0.002443565410902848 \|\| min-> 10.423821424122048 < 10.44030512 - 0.002443565410902848, VDDA_ADC_Power out of expected range: max-> 0.7972699604426053 > 0.79766803 + 0.000535521948004203 \|\| min-> 0.7948706404402988 < |

| | |
|---|---|
| | 0.79766803 - 0.000535521948004203, VDDSHV1_Power out of expected range: max-> 0.41195024474663994 > 0.40964787 + 0.002745538982816454 \|\| min-> 0.3953957620053035 < 0.40964787 - 0.002745538982816454, VDDSHV2_Power out of expected range: max-> 32.848784781828755 > 30.99065977 + 6.5638865873366194 \|\| min-> 2.4602742319614626 < 30.99065977 - 6.5638865873366194, VDDSHV3_Power out of expected range: max-> 0.18026557773325613 > 0.17434106 + 0.0025075236438863824 \|\| min-> 0.16689183965392415 < 0.17434106 - 0.0025075236438863824, VDDSHV4_Power out of expected range: max-> 0.08365867058764932 > 0.07687726 + 0.002686835638795013 \|\| min-> 0.07046124543724046 < 0.07687726 - 0.002686835638795013, VDDSHV5_Power out of expected range: max-> 14.257395580642894 > 14.18964487 + 0.015027022215473309 \|\| min-> 14.216847645210875 < 14.18964487 - 0.015027022215473309, VDDSHV6_Power out of expected range: max-> 62.790799510667256 > 61.30895039 + 5.315216034314427 \|\| min-> 37.913137984796855 < 61.30895039 - 5.315216034314427, Total_Power out of expected range: max-> 664.5425545150396 > 540.2067973966666 + 77.47723402465047 \|\| min-> 540.844289955491 < 540.2067973966666 - 77.47723402465047 |
| | 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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 289.5824455054613 > 151.682862335 + 100.78534054060573 \|\| min-> 207.92149084126999 < 151.682862335 - 100.78534054060573, VDD_MPU_Power out of expected range: max-> 60.564217432998056 > 151.23102095000002 + 99.89484169808314 \|\| min-> 47.10628252197828 < 151.23102095000002 - 99.89484169808314, VDDS_DDR_Power out of expected range: max-> 164.09232137739855 > 159.760472765 + 1.411338330489966 \|\| min-> 156.89297979440664 < 159.760472765 - 1.411338330489966, VDDS_Power out of expected range: max-> 2.520334708729819 > 2.44264548 + 0.24416039920155064 \|\| min-> 1.6370782303356768 < 2.44264548 - 0.24416039920155064, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.633026944655204 > 2.388088485 + 0.09397467214857254 \|\| min-> 2.3985142689186123 < 2.388088485 - 0.09397467214857254, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.75284623072099 > 2.926928745 + 0.14383567079723983 \|\| min-> 2.9010798597219427 < 2.926928745 - 0.14383567079723983, VDDS_PLL_DDR_Power out of expected range: max-> |

1.9972210018473118 > 1.993924625 + 0.0007796524222410508 || min-> 1.9956106001994458 < 1.993924625 - 0.0007796524222410508, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.733495035220233 > 13.715119035 + 0.004358988942053315 || min-> 13.725989007678578 < 13.715119035 - 0.004358988942053315, VDDS_PLL_MPU_Power out of expected range: max-> 2.0188090465211457 > 2.0134687099999997 + 0.0007324845420603073 || min-> 2.0163197772671744 < 2.0134687099999997 - 0.0007324845420603073, VDDS_OSC_Power out of expected range: max-> 1.231925200463307 > 1.23332157 + 0.0005903027261074988 || min-> 1.2284715099862782 < 1.23332157 - 0.0005903027261074988, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.95887037971217 > 32.847149869999996 + 0.017048586510900646 || min-> 32.79131020022233 < 32.847149869999996 - 0.017048586510900646, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.435022999420324 > 10.44032773 + 0.002129682736533626 || min-> 10.423162177873882 < 10.44032773 - 0.002129682736533626, VDDA_ADC_Power out of expected range: max-> 0.7966562178101065 > 0.79773268 + 0.0004035949785561743 || min-> 0.7945679422768468 < 0.79773268 - 0.0004035949785561743, VDDSHV1_Power out of expected range: max-> 0.40890986715006056 > 0.40952614 + 0.003066708942462925 || min-> 0.39632394598903 < 0.40952614 - 0.003066708942462925, VDDSHV2_Power out of expected range: max-> 32.84314881757089 > 31.02278526 + 6.576161941492474 || min-> 2.4520255586235056 < 31.02278526 - 6.576161941492474, VDDSHV3_Power out of expected range: max-> 0.18115722756145888 > 0.17516972 + 0.0029948095033274264 || min-> 0.16761522558553021 < 0.17516972 - 0.0029948095033274264, VDDSHV4_Power out of expected range: max-> 0.08287362442178114 > 0.07728278000000001 + 0.0029902054710656293 || min-> 0.07114038466698824 < 0.07728278000000001 - 0.0029902054710656293, VDDSHV5_Power out of expected range: max-> 14.256302066989416 > 14.19185661 + 0.014573089886016381 || min-> 14.224762360458621 < 14.19185661 - 0.014573089886016381, VDDSHV6_Power out of expected range: max-> 62.80882664943448 > 61.31134179 + 5.391501129003003 || min-> 37.876824426918155 < 61.31134179 - 5.391501129003003, Total_Power out of expected range: max-> 684.3579324508509 > 565.2378454149999 + 81.78613878208807 || min-> 538.9848998178034 < 565.2378454149999 - 81.78613878208807

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

Last Result: **Failed**

Build 2013-6-14

| | |
|---|---|
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 269.907966076333 > 151.771518345 + 101.15461087416553 \|\| min-> 207.95500433965717 < 151.771518345 - 101.15461087416553, VDD_MPU_Power out of expected range: max-> 83.73610969762859 > 150.96463986 + 99.64915457202883 \|\| min-> 47.107512410832975 < 150.96463986 - 99.64915457202883, VDDS_DDR_Power out of expected range: max-> 162.99688930267607 > 159.818011575 + 1.4377237586535336 \|\| min-> 157.1915149152038 < 159.818011575 - 1.4377237586535336, VDDS_Power out of expected range: max-> 2.519326686691782 > 2.44356327 + 0.24571659228781265 \|\| min-> 1.6268561219444124 < 2.44356327 - 0.24571659228781265, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.6423722153793365 > 2.3799659500000003 + 0.08957914913862275 \|\| min-> 2.399507729614515 < 2.3799659500000003 - 0.08957914913862275, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.5681543779370792 > 2.911232635 + 0.12873372429089933 \|\| min-> 2.9025037491045333 < 2.911232635 - 0.12873372429089933, VDDS_PLL_DDR_Power out of expected range: max-> 1.9973048792720267 > 1.99375316 + 0.000643475186649246 \|\| min-> 1.9956353114977472 < 1.99375316 - 0.000643475186649246, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.734093997360514 > 13.714610709999999 + 0.0038759862819433616 \|\| min-> 13.725577490410455 < 13.714610709999999 - 0.0038759862819433616, VDDS_PLL_MPU_Power out of expected range: max-> 2.0190262151636866 > 2.01359851 + 0.0008085757563132224 \|\| min-> 2.0167531086400503 < 2.01359851 - 0.0008085757563132224, VDDS_OSC_Power out of expected range: max-> 1.2314858074035355 > 1.23360504 + 0.0006156925952579223 \|\| min-> 1.2286152071115464 < 1.23360504 - 0.0006156925952579223, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.93764193889188 > 32.84622864 + 0.02062358275044148 \|\| min-> 32.787591721989365 < 32.84622864 - 0.02062358275044148, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.437701817556235 > 10.44080464 + 0.0019998369829689533 \|\| min-> 10.4240106825506 < 10.44080464 - 0.0019998369829689533, VDDA_ADC_Power out of expected range: max-> 0.7968767303995883 > 0.7976348 + 0.0005466416845288606 \|\| min-> 0.7950015459410643 < 0.7976348 - 0.0005466416845288606, VDDSHV1_Power out of expected range: max-> 0.4132457212818268 > 0.41048352 + 0.002904160792497621 \|\| min-> 0.3961302153512502 < 0.41048352 - 0.002904160792497621, VDDSHV2_Power out of expected range: max-> 32.861637700357605 > 31.03069718 + 6.625422138877125 \|\| min-> 2.2566779309228195 < 31.03069718 - 6.625422138877125, VDDSHV3_Power out of expected range: max-> 0.18139981233582375 > 0.17528346 + 0.002883013719963246 \|\| min-> 0.1655389100936331 < 0.17528346 - 0.002883013719963246, VDDSHV4_Power out of expected range: max-> 0.08513168439287452 > 0.07735523999999999 + 0.0027937239443389526 \|\| min-> 0.06716881505659922 < 0.07735523999999999 - 0.0027937239443389526, VDDSHV5_Power out of expected range: max-> 14.258511275186681 > 14.1863782 + 0.01386539055750459 \|\| min-> 14.224664286930315 < 14.1863782 - |

0.01386539055750459, VDDSHV6_Power out of expected range: max-> 62.801336048214694 > 61.2624039 + 5.466034763299733 || min-> 37.47207485484312 < 61.2624039 - 5.466034763299733, Total_Power out of expected range: max-> 678.0958498199168 > 565.07105425 + 82.34576421525587 || min-> 537.7479988731075 < 565.07105425 - 82.34576421525587

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 292.11581911800477 > 150.900629145 + 99.94038082248278 || min-> 207.90081364196905 < 150.900629145 - 99.94038082248278, VDD_MPU_Power out of expected range: max-> 57.60778673511614 > 151.09868091 + 99.84138254554586 || min-> 47.14078125410162 < 151.09868091 - 99.84138254554586, VDDS_DDR_Power out of expected range: max-> 163.13440474582237 > 159.94889182999998 + 1.3437512818593729 || min-> 158.0573479309368 < 159.94889182999998 - 1.3437512818593729, VDDS_Power out of expected range: max-> 2.519686832631591 > 2.44274693 + 0.24281491177950137 || min-> 1.6404200492782453 < 2.44274693 - 0.24281491177950137, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.6384120599677163 > 2.371546165 + 0.08521800169481634 || min-> 2.4002807799271553 < 2.371546165 - 0.08521800169481634, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.2657885036748384 > 2.8982698399999998 + 0.1105802855128143 || min-> 2.906766238274021 < 2.8982698399999998 - 0.1105802855128143, VDDS_PLL_DDR_Power out of expected range: max-> 1.99727605273734 > 1.99363769 + 0.0005361424321835994 || min-> 1.9957014023072754 < 1.99363769 - 0.0005361424321835994, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.733821565527249 > 13.713209525 + 0.0030222706523442963 || min-> 13.72667451797096 < 13.713209525 - 0.0030222706523442963, VDDS_PLL_MPU_Power out of expected range: max-> 2.018913515250951 > 2.01359159 + 0.0009477194375002277 || min-> 2.016404575359744 < 2.01359159 - 0.0009477194375002277, VDDS_OSC_Power out of expected range: max-> 1.2314720400206574 > 1.23415541 + 0.0005808107635313052 || min-> 1.228378676221917 < 1.23415541 - 0.0005808107635313052, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.954492727922585 > 32.842885700000004 + 0.019012402523397934 || min-> 32.79310960485421 < 32.842885700000004 - 0.019012402523397934, VDDS_A3P3V_USB0_1_Power out of expected

range: max-> 10.435499636122364 > 10.44214714 + 0.0018658520488187137 || min-> 10.423425819812781 < 10.44214714 - 0.0018658520488187137, VDDA_ADC_Power out of expected range: max-> 0.7976020780504925 > 0.7980492499999999 + 0.0004970361016813949 || min-> 0.7947723443528553 < 0.7980492499999999 - 0.0004970361016813949, VDDSHV1_Power out of expected range: max-> 0.41255374209779505 > 0.41064914 + 0.00319150027422859 || min-> 0.3958082736770759 < 0.41064914 - 0.00319150027422859, VDDSHV2_Power out of expected range: max-> 32.84085354552213 > 31.04778302 + 6.543343295118892 || min-> 2.5492607539481766 < 31.04778302 - 6.543343295118892, VDDSHV3_Power out of expected range: max-> 0.18202223592437522 > 0.17549833 + 0.0022599202656662484 || min-> 0.1670555656340626 < 0.17549833 - 0.0022599202656662484, VDDSHV4_Power out of expected range: max-> 0.08318962473975401 > 0.07703359 + 0.0025477285807384647 || min-> 0.06956091340598687 < 0.07703359 - 0.0025477285807384647, VDDSHV5_Power out of expected range: max-> 14.252645224091866 > 14.17953004 + 0.009841919087493682 || min-> 14.225382638731297 < 14.17953004 - 0.009841919087493682, VDDSHV6_Power out of expected range: max-> 62.837056328650135 > 61.25152629 + 5.2970704058263385 || min-> 38.095917614176635 < 61.25152629 - 5.2970704058263385, Total_Power out of expected range: max-> 689.0116000233675 > 564.43841988 + 80.82521883034809 || min-> 539.5780537815251 < 564.43841988 - 80.82521883034809

LOG PATH

**Test Case amsdkA-364: Dhrystone power performance with PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 268.4217974243841 > 150.78749918 + 100.19260599318207 || min-> 207.900231919853 < 150.78749918 - 100.19260599318207, VDD_MPU_Power out of expected range: max-> 61.35446964823905 > 151.02468326 + 99.88771047305782 || min-> 47.13080582734053 < 151.02468326 - 99.88771047305782, VDDS_DDR_Power out of expected range: max-> 162.87054984593664 > 159.924388345 + 1.5067155926099902 || min-> 156.96067593417075 < 159.924388345 - 1.5067155926099902, VDDS_Power out of expected range: max-> 2.521216523766766 > 2.44775462 + 0.23334718729340714 || min-> 1.631868037226161 < 2.44775462 - 0.23334718729340714, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.643800618505634 > 2.36404336 + 0.07925825759436379 || min-> 2.406954352256099 < 2.36404336 - |

0.07925825759436379, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.5144710308608356 > 2.896763275 + 0.13232330063419193 || min-> 2.911201473385261 < 2.896763275 - 0.13232330063419193, VDDS_PLL_DDR_Power out of expected range: max-> 1.9974903794872023 > 1.99357008 + 0.00048196498291235 || min-> 1.9959545025737473 < 1.99357008 - 0.00048196498291235, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.734801517231542 > 13.71231341 + 0.002510467373048036 || min-> 13.727396312904355 < 13.71231341 - 0.002510467373048036, VDDS_PLL_MPU_Power out of expected range: max-> 2.0193788595719724 > 2.013572685 + 0.0008923020258891566 || min-> 2.0167381290104336 < 2.013572685 - 0.0008923020258891566, VDDS_OSC_Power out of expected range: max-> 1.2313390083722489 > 1.23449125 + 0.0006769460816976965 || min-> 1.228483490715557 < 1.23449125 - 0.0006769460816976965, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.920512273350624 > 32.834980460000004 + 0.019010933005611762 || min-> 32.80095218324 < 32.834980460000004 - 0.019010933005611762, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.437273485786507 > 10.44346043 + 0.001827683920058482 || min-> 10.422156658256752 < 10.44346043 - 0.001827683920058482, VDDA_ADC_Power out of expected range: max-> 0.797113716470534 > 0.7981261399999999 + 0.0005071695076659423 || min-> 0.7945039511354425 < 0.7981261399999999 - 0.0005071695076659423, VDDSHV1_Power out of expected range: max-> 0.4138049841478606 > 0.4107347 + 0.0036620102540850605 || min-> 0.3943520607585988 < 0.4107347 - 0.0036620102540850605, VDDSHV2_Power out of expected range: max-> 32.86247399667674 > 30.98422378 + 6.601795215818064 || min-> 2.326291874228242 < 30.98422378 - 6.601795215818064, VDDSHV3_Power out of expected range: max-> 0.18123637021765715 > 0.17479682 + 0.002514948819207249 || min-> 0.16672616545879437 < 0.17479682 - 0.002514948819207249, VDDSHV4_Power out of expected range: max-> 0.08281503964227252 > 0.07743929 + 0.0026162592417612414 || min-> 0.06993112135683444 < 0.07743929 - 0.0026162592417612414, VDDSHV5_Power out of expected range: max-> 14.257705908931655 > 14.17408178 + 0.01002188877423595 || min-> 14.221781223090622 < 14.17408178 - 0.01002188877423595, VDDSHV6_Power out of expected range: max-> 62.74241612762648 > 61.27802619 + 5.425409392705691 || min-> 37.635859911832995 < 61.27802619 - 5.425409392705691, Total_Power out of expected range: max-> 667.903638988368 > 564.199598815 + 81.11905861132765 || min-> 539.7649206938434 < 564.199598815 - 81.11905861132765

LOG PATH

**Test Case amsdkA-365: 3D Graphics power performance**

Summary:

Measure power while running 3D graphics application

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 286.8780397226775 > 152.86007416 + 101.69191599897215 \|\| min-> 243.25557020364286 < 152.86007416 - 101.69191599897215, VDD_MPU_Power out of expected range: max-> 83.75110880545965 > 151.6357317 + 98.94806040862429 \|\| min-> 51.07152046960622 < 151.6357317 - 98.94806040862429, VDDS_DDR_Power out of expected range: max-> 165.51057053327258 > 160.137779255 + 1.5106328042370751 \|\| min-> 158.34397899296403 < 160.137779255 - 1.5106328042370751, VDDS_Power out of expected range: max-> 2.518331624618838 > 2.43854626 + 0.2509186094791036 \|\| min-> 1.5716436832644547 < 2.43854626 - 0.2509186094791036, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.667650217476623 > 2.38618847 + 0.09617386704595124 \|\| min-> 2.575556893278846 < 2.38618847 - 0.09617386704595124, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 4.3388805788590386 > 2.9498990750000003 + 0.23835469813865026 \|\| min-> 3.139280988271862 < 2.9498990750000003 - 0.23835469813865026, VDDS_PLL_DDR_Power out of expected range: max-> 1.9970757624924411 > 1.99395992 + 0.0009008279791916659 \|\| min-> 1.9956767601037084 < 1.99395992 - 0.0009008279791916659, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.735453111779771 > 13.71469071 + 0.004543927386592269 \|\| min-> 13.729585954538846 < 13.71469071 - 0.004543927386592269, VDDS_PLL_MPU_Power out of expected range: max-> 2.0195859112530425 > 2.0134790899999997 + 0.0007118048210592339 \|\| min-> 2.017222035625829 < 2.0134790899999997 - 0.0007118048210592339, VDDS_OSC_Power out of expected range: max-> 1.2295096587442664 > 1.23321828 + 0.00033915200470703506 \|\| min-> 1.228201054931571 < 1.23321828 - 0.00033915200470703506, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.95541828635355 > 32.85445061 + 0.019304970593288916 \|\| min-> 32.77588599244982 < 32.85445061 - 0.019304970593288916, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.427378989675335 > 10.44029819 + 0.0013310141539610307 \|\| min-> 10.421580080814556 < 10.44029819 - 0.0013310141539610307, VDDA_ADC_Power out of expected range: max-> 0.7971299940994651 > 0.79772656 + 0.0004210023709832532 \|\| min-> 0.794823105408435 < 0.79772656 - 0.0004210023709832532, VDDSHV1_Power out of expected range: max-> 0.4114639764076581 > 0.40911476 + 0.003227587857234498 \|\| min-> 0.39597949282402195 < 0.40911476 - 0.003227587857234498, VDDSHV2_Power out of expected range: max-> 32.85240780115251 > 31.14668205 + 6.139620022971495 \|\| min-> 3.932113309542007 < 31.14668205 - 6.139620022971495, VDDSHV3_Power out of expected range: max-> 0.18426766809693185 > 0.17500453 + 0.0032010855922309537 \|\| min-> 0.16684492097845985 < 0.17500453 - 0.0032010855922309537, VDDSHV4_Power out of expected range: max-> 0.08347166327554886 > 0.07799141 + 0.0026092233861223393 \|\| min-> 0.06968819673047104 < 0.07799141 - 0.0026092233861223393, |

VDDSHV5_Power out of expected range: max-> 14.273304757270651 > 14.184585239999999 + 0.02369458818537292 || min-> 14.23187686733138 < 14.184585239999999 - 0.02369458818537292, VDDSHV6_Power out of expected range: max-> 62.78436685807002 > 61.19772737 + 5.8936807716000725 || min-> 32.7720143593659 < 61.19772737 - 5.8936807716000725, Total_Power out of expected range: max-> 664.6702181984751 > 567.217065575 + 82.1629533375101 || min-> 636.8267191149392 < 567.217065575 - 82.1629533375101

LOG PATH

**Test Case amsdkA-366: Audio + Video power performance**

Summary:

Measure power while running video and audio decode and playback

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 295.25431360910113 > 151.82599963500002 + 101.245626036762 || min-> 207.99041189160448 < 151.82599963500002 - 101.245626036762, VDD_MPU_Power out of expected range: max-> 54.76357883804028 > 150.769448735 + 99.44142158579707 || min-> 47.09374712021807 < 150.769448735 - 99.44142158579707, VDDS_DDR_Power out of expected range: max-> 162.63946230216771 > 159.78698732499998 + 1.4465352941015197 || min-> 157.24405352254206 < 159.78698732499998 - 1.4465352941015197, VDDS_Power out of expected range: max-> 2.5567984380218474 > 2.438620855 + 0.24855886244422248 || min-> 1.6122390772258863 < 2.438620855 - 0.24855886244422248, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.6489682123601597 > 2.385502975 + 0.09537901787817954 || min-> 2.4135560993428644 < 2.385502975 - 0.09537901787817954, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.3283573977976983 > 2.916187605 + 0.1426296551809961 || min-> 2.925960734576896 < 2.916187605 - 0.1426296551809961, VDDS_PLL_DDR_Power out of expected range: max-> 1.9974106740830735 > 1.99396708 + 0.0009344744439882679 || min-> 1.9957198126931575 < 1.99396708 - 0.0009344744439882679, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.735453450691976 > 13.714926215 + 0.004436271891512109 || min-> 13.727671956561855 < 13.714926215 - 0.004436271891512109, VDDS_PLL_MPU_Power out of expected range: max-> 2.019079063084169 > 2.013424085 + 0.0007758554448220256 || min-> 2.0164319198977454 < 2.013424085 - 0.0007758554448220256, VDDS_OSC_Power out of expected range: max-> 1.2313533203946518 > 1.23318135 + 0.000601355520382589 || min-> 1.228195813590347 < 1.23318135 - 0.000601355520382589, VDDA_1P8V_USB0_1_Power out of expected range: max-> |

32.94043765318551 > 32.86467427 + 0.02518129817386218 || min-> 32.79632885614665 < 32.86467427 - 0.02518129817386218, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.433274896824589 > 10.43999758 + 0.0019693597822216563 || min-> 10.421802472786528 < 10.43999758 - 0.0019693597822216563, VDDA_ADC_Power out of expected range: max-> 0.7971031511043931 > 0.79774338 + 0.00042600585144280295 || min-> 0.7947060820310083 < 0.79774338 - 0.00042600585144280295, VDDSHV1_Power out of expected range: max-> 0.4145773514051497 > 0.40831659000000003 + 0.0033442745845487214 || min-> 0.3955947901746256 < 0.40831659000000003 - 0.0033442745845487214, VDDSHV2_Power out of expected range: max-> 32.86805713652658 > 31.01080436 + 6.671275855577929 || min-> 2.022535314003669 < 31.01080436 - 6.671275855577929, VDDSHV3_Power out of expected range: max-> 0.18340372922481601 > 0.17537582000000002 + 0.002928742848790399 || min-> 0.16830148457234836 < 0.17537582000000002 - 0.002928742848790399, VDDSHV4_Power out of expected range: max-> 0.08384683629280813 > 0.07844771 + 0.0029105860001974724 || min-> 0.07006395109482448 < 0.07844771 - 0.0029105860001974724, VDDSHV5_Power out of expected range: max-> 14.26563347258523 > 14.18701405 + 0.021466325580423096 || min-> 14.227351680229484 < 14.18701405 - 0.021466325580423096, VDDSHV6_Power out of expected range: max-> 62.76920318784965 > 61.196398630000004 + 5.546742693073633 || min-> 36.95507824216893 < 61.196398630000004 - 5.546742693073633, Total_Power out of expected range: max-> 690.9032284736917 > 564.852107295 + 82.67540650220175 || min-> 538.0883526822773 < 564.852107295 - 82.67540650220175

LOG PATH

# 3.7.5 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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 263.20874682596315 > 130.43566771757926 + 72.91435067542713 \|\| min-> 206.69030478839326 < 130.43566771757926 - 72.91435067542713, VDDS_RTC_Power out of expected range: max-> 0.7718289480884762 > 0.7981551181556197 + 0.02145235038459744 \|\| min-> 0.7699884496099757 < 0.7981551181556197 - 0.02145235038459744, VDDS_DDR_Power out of expected range: max-> 159.08090996805336 > 106.420125648415 + 45.26669207281862 \|\| min-> 155.00747872281946 < 106.420125648415 - 45.26669207281862, VDDS_Power out of expected range: max-> 2.5285455499172205 > 1.8661824927953892 + 0.5476944227961202 \|\| min-> 1.6334791112522427 < 1.8661824927953892 - 0.5476944227961202, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.405196888707629 > 2.2139466311239193 + 0.059931394873707265 \|\| min-> 2.2050863393645956 < 2.2139466311239193 - 0.059931394873707265, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 4.035611446528457 > 2.1605237953890493 + 0.4490419588403665 \|\| min-> 2.6467934217603686 < 2.1605237953890493 - 0.4490419588403665, VDDS_PLL_DDR_Power out of expected range: max-> 1.9912821714151465 > 1.9088785446685879 + 0.07357981964606695 \|\| min-> 1.990028292743651 < 1.9088785446685879 - 0.07357981964606695, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.710738593959753 > 14.069198936599424 + 0.3268403960306396 \|\| min-> 13.697537364779514 < 14.069198936599424 - 0.3268403960306396, VDDS_PLL_MPU_Power out of expected range: max-> 2.013451536628507 > 1.9490929250720461 + 0.05560271424403993 \|\| min-> 2.009423476839977 < 1.9490929250720461 - 0.05560271424403993, VDDS_OSC_Power out of expected range: max-> 1.2402907355002517 > 1.1965171065989848 + 0.029492673108689027 \|\| min-> 1.236935039804248 < 1.1965171065989848 - 0.029492673108689027, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.9424930750379 > 35.461065959390865 + 1.507975048978491 \|\| min-> 32.85280559190868 < 35.461065959390865 - 1.507975048978491, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.445719072881339 > 9.024665248730965 + 1.1793025832151922 \|\| min-> 10.431244665400204 < 9.024665248730965 - 1.1793025832151922, VDDSHV2_Power out of expected range: max-> 33.05117058618945 > |

8.875669634517767 + 7.669722956895267 || min-> 2.477255857660199 < 8.875669634517767 - 7.669722956895267, VDDSHV3_Power out of expected range: max-> 0.18479211560131312 > 0.16594369035532996 + 0.005469419323873647 || min-> 0.16851709140600205 < 0.16594369035532996 - 0.005469419323873647, VDDSHV6_Power out of expected range: max-> 62.26784513171876 > 31.38999364467005 + 4.624174390486699 || min-> 37.86434642915154 < 31.38999364467005 - 4.624174390486699, Total_Power out of expected range: max-> 656.2296350046272 > 446.2395383974684 + 9.492033108728991 || min-> 534.8554290505283 < 446.2395383974684 - 9.492033108728991

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 263.221236917835 > 164.06887495200002 + 58.9944395384753 || min-> 206.74089319523821 < 164.06887495200002 - 58.9944395384753, VDDS_RTC_Power out of expected range: max-> 0.771256474566348 > 0.806047024 + 0.02018078683730829 || min-> 0.770014460039037 < 0.806047024 - 0.02018078683730829, VDDS_DDR_Power out of expected range: max-> 159.05378476707327 > 85.578385032 + 37.527396721134544 || min-> 155.31099626704201 < 85.578385032 - 37.527396721134544, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.368248788972691 > 2.242029048 + 0.05974369557415782 || min-> 2.2018947498124986 < 2.242029048 - 0.05974369557415782, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 2.847790519831271 > 1.951148072 + 0.3796548754176566 || min-> 2.6424512320865303 < 1.951148072 - 0.3796548754176566, VDDS_PLL_DDR_Power out of expected range: max-> 1.9915266491943433 > 1.87565904 + 0.06006203006977718 || min-> 1.9902580122892968 < 1.87565904 - 0.06006203006977718, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.705599029792237 > 14.222357432 + 0.2770490591194332 || min-> 13.693146566412018 < 14.222357432 - 0.2770490591194332, VDDS_PLL_MPU_Power out of expected range: max-> 3.6772308495947206 > 1.92415522 + 0.04541302365645545 || min-> 2.0095372899734674 < 1.92415522 - 0.04541302365645545, VDDS_OSC_Power out of expected range: max-> 1.24054824193127 > 1.196539495 + 0.029463236698104495 || min-> 1.2384411495383256 < 1.196539495 - 0.029463236698104495, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.904808954633914 > 35.399375 +

1.5367197523822584 || min-> 32.81198477423955 < 35.399375 - 1.5367197523822584, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.4479996376139 > 9.055413115 + 1.1972159713670996 || min-> 10.439496102289818 < 9.055413115 - 1.1972159713670996, VDDSHV2_Power out of expected range: max-> 32.628383565591925 > 8.822067615 + 7.708501499526951 || min-> 2.4521685375842703 < 8.822067615 - 7.708501499526951, VDDSHV3_Power out of expected range: max-> 0.1848708229950021 > 0.165983265 + 0.0056159088400974345 || min-> 0.17002753380119426 < 0.165983265 - 0.0056159088400974345, VDDSHV4_Power out of expected range: max-> 0.08606325569384944 > 0.07693923500000001 + 0.003947407725779348 || min-> 0.07340957170871473 < 0.07693923500000001 - 0.003947407725779348, VDDSHV6_Power out of expected range: max-> 62.635743845936936 > 31.63605008 + 4.64107819529105 || min-> 37.811127979661784 < 31.63605008 - 4.64107819529105, Total_Power out of expected range: max-> 656.2595345637105 > 446.60209103666665 + 9.824590890592063 || min-> 534.5687721798307 < 446.60209103666665 - 9.824590890592063

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 259.56436517351125 > 163.89475694331983 + 59.068645296182744 || min-> 206.71606767412206 < 163.89475694331983 - 59.068645296182744, VDD_MPU_Power out of expected range: max-> 199.258287629951 > 80.48885746558705 + 67.03874815108372 || min-> 46.821398465428736 < 80.48885746558705 - 67.03874815108372, VDDS_RTC_Power out of expected range: max-> 0.7709937325899537 > 0.8106433643724696 + 0.020070196154388507 || min-> 0.7699197808353319 < 0.8106433643724696 - 0.020070196154388507, VDDS_DDR_Power out of expected range: max-> 160.85234702546276 > 85.95642790688258 + 37.56973856886896 || min-> 155.08336963206327 < 85.95642790688258 - 37.56973856886896, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.3612794859220405 > 2.2290429149797575 + 0.08024790717583467 || min-> 2.1966381959943106 < 2.2290429149797575 - 0.08024790717583467, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.1511823493508184 > 1.9364796842105263 + 0.379531760413838 || min-> 2.6298532691848213 < 1.9364796842105263 - 0.379531760413838, VDDS_PLL_DDR_Power out of expected range: max-> |

1.9915249917470896 > 1.8755816032388666 + 0.0603237016479311 || min-> 1.989424334330568 < 1.8755816032388666 - 0.0603237016479311, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.705003344977731 > 14.218530093117408 + 0.27605009270085434 || min-> 13.695792468729904 < 14.218530093117408 - 0.27605009270085434, VDDS_PLL_MPU_Power out of expected range: max-> 2.012483287595645 > 1.9241283927125505 + 0.04570554858961643 || min-> 2.010087094603111 < 1.9241283927125505 - 0.04570554858961643, VDDS_OSC_Power out of expected range: max-> 1.2407030920996067 > 1.1965982994923858 + 0.029945648165171635 || min-> 1.238730800433975 < 1.1965982994923858 - 0.029945648165171635, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.9092352592188 > 35.4339652538071 + 1.4863622749377265 || min-> 32.79909220103045 < 35.4339652538071 - 1.4863622749377265, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.447739757886236 > 9.038295832487309 + 1.187844761028109 || min-> 10.44080985451042 < 9.038295832487309 - 1.187844761028109, VDDSHV2_Power out of expected range: max-> 32.760783574142216 > 8.702810751269036 + 7.7567227880329686 || min-> 2.286228411883591 < 8.702810751269036 - 7.7567227880329686, VDDSHV3_Power out of expected range: max-> 0.18189515726664074 > 0.16609937055837562 + 0.005787399543778869 || min-> 0.1697566050220641 < 0.16609937055837562 - 0.005787399543778869, VDDSHV4_Power out of expected range: max-> 0.0864838649114186 > 0.07655935532994924 + 0.0035735900303096773 || min-> 0.07356259284233317 < 0.07655935532994924 - 0.0035735900303096773, VDDSHV6_Power out of expected range: max-> 62.311830561357844 > 31.36138413705584 + 4.463792478798451 || min-> 37.440855970039735 < 31.36138413705584 - 4.463792478798451, Total_Power out of expected range: max-> 742.800808492606 > 446.1349304781145 + 9.759982236244479 || min-> 533.8377424993739 < 446.1349304781145 - 9.759982236244479

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 263.40088232183035 > 162.02142282432433 + 62.11676391499341 || min-> 206.63518896968125 < 162.02142282432433 - 62.11676391499341, VDD_MPU_Power out of expected range: max-> 284.655062516934 > 83.2915016981982 + 70.2860173682317 || min-> 46.79523850824682 < 83.2915016981982 - 70.2860173682317, |

VDDS_RTC_Power out of expected range: max-> 0.7710542820328457 > 0.8107309684684684 + 0.027603354285958316 || min-> 0.7700162346712133 < 0.8107309684684684 - 0.027603354285958316, VDDS_DDR_Power out of expected range: max-> 159.3771379050285 > 90.23528474324324 + 37.35137615604862 || min-> 155.68650943768512 < 90.23528474324324 - 37.35137615604862, VDDS_Power out of expected range: max-> 2.505804731997011 > 1.8302201441441441 + 0.5087477916218996 || min-> 1.639978310345829 < 1.8302201441441441 - 0.5087477916218996, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.407227914662211 > 2.242324536036036 + 0.060436941077815415 || min-> 2.204365435477247 < 2.242324536036036 - 0.060436941077815415, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.1883482862190897 > 1.928591054054054 + 0.404627040503892 || min-> 2.6460897903922564 < 1.928591054054054 - 0.404627040503892, VDDS_PLL_DDR_Power out of expected range: max-> 1.9913879034938855 > 1.8765389504504506 + 0.06373424646788674 || min-> 1.990206665625545 < 1.8765389504504506 - 0.06373424646788674, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.70555200944866 > 14.181080445945945 + 0.26639606316063524 || min-> 13.6956532955824 < 14.181080445945945 - 0.26639606316063524, VDDS_PLL_MPU_Power out of expected range: max-> 2.012074054331626 > 1.9253240225225225 + 0.04800639296076218 || min-> 2.0096750467784115 < 1.9253240225225225 - 0.04800639296076218, VDDS_OSC_Power out of expected range: max-> 1.2403670176734898 > 1.18892475 + 0.02335330974943625 || min-> 1.238052945644449 < 1.18892475 - 0.02335330974943625, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.899630095198454 > 35.81825198837209 + 1.2027485738785164 || min-> 32.840378465540354 < 35.81825198837209 - 1.2027485738785164, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.449940066193825 > 8.735304645348837 + 0.9418183902203456 || min-> 10.438693468969445 < 8.735304645348837 - 0.9418183902203456, VDDSHV2_Power out of expected range: max-> 32.81188681529818 > 10.07836298255814 + 7.4774994513911555 || min-> 2.5671138628665466 < 10.07836298255814 - 7.4774994513911555, VDDSHV3_Power out of expected range: max-> 0.18332521721271405 > 0.16457500581395348 + 0.0044901473360435115 || min-> 0.16785834845827075 < 0.16457500581395348 - 0.0044901473360435115, VDDSHV4_Power out of expected range: max-> 0.08670439464035662 > 0.07573200000000001 + 0.0033909393133614734 || min-> 0.07440742685638735 < 0.07573200000000001 - 0.0033909393133614734, VDDSHV6_Power out of expected range: max-> 62.61589801887781 > 30.525981918604653 + 3.8166911633809417 || min-> 38.06489110643873 < 30.525981918604653 - 3.8166911633809417, Total_Power out of expected range: max-> 828.6181351757205 > 445.68357806250003 + 10.092216821311622 || min-> 535.483565575201 < 445.68357806250003 - 10.092216821311622

LOG PATH

**Test Case amsdkA-312: Dhrystone power performance with PARTIAL_WAKE_LOCK**

Summary:

Acquire PARTIAL WakeLock and meaure power while running Dhrystone benchmark

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 242.13447941249422 > 161.2721698287037 + 62.979166810060185 \|\| min-> 206.76765016857163 < 161.2721698287037 - 62.979166810060185, VDDS_RTC_Power out of expected range: max-> 0.7713135582560914 > 0.8069065092592593 + 0.021442538469990644 \|\| min-> 0.7702009020166949 < 0.8069065092592593 - 0.021442538469990644, VDDS_DDR_Power out of expected range: max-> 159.29327972075305 > 91.27807788425926 + 37.26050918369716 \|\| min-> 155.33785262185245 < 91.27807788425926 - 37.26050918369716, VDDS_Power out of expected range: max-> 2.507069550263934 > 1.7936008009259259 + 0.47064349839125647 \|\| min-> 1.626666853100087 < 1.7936008009259259 - 0.47064349839125647, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.357783697192634 > 2.2384745092592593 + 0.06230746051295039 \|\| min-> 2.2216975572868534 < 2.2384745092592593 - 0.06230746051295039, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 2.8673482378814246 > 1.9223251203703702 + 0.40962924486859353 \|\| min-> 2.6623271105582704 < 1.9223251203703702 - 0.40962924486859353, VDDS_PLL_DDR_Power out of expected range: max-> 1.9918068870426442 > 1.8768708194444443 + 0.06449428521555223 \|\| min-> 1.9904352308169533 < 1.8768708194444443 - 0.06449428521555223, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.707918787748536 > 14.171917027777779 + 0.26345010278171427 \|\| min-> 13.700044713252009 < 14.171917027777779 - 0.26345010278171427, VDDS_PLL_MPU_Power out of expected range: max-> 2.012850697845251 > 1.9257191296296297 + 0.04864996456206967 \|\| min-> 2.009610672695776 < 1.9257191296296297 - 0.04864996456206967, VDDS_OSC_Power out of expected range: max-> 1.2393221264853163 > 1.1874414457831326 + 0.0215348809162861 \|\| min-> 1.237744280542194 < 1.1874414457831326 - 0.0215348809162861, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.92905962160714 > 35.956943138554216 + 1.1177214422567843 \|\| min-> 32.8569190823508 < 35.956943138554216 - 1.1177214422567843, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.446503890673217 > 8.665555012048193 + 0.8605564489632829 \|\| min-> 10.438145060417206 < 8.665555012048193 - 0.8605564489632829, VDDSHV2_Power out of expected range: max-> 32.73227668641523 > 10.346583554216867 + 7.524670198121079 \|\| min-> 2.346902134621703 < 10.346583554216867 - 7.524670198121079, VDDSHV3_Power out of expected range: max-> 0.18080461196320585 > 0.1643184638554217 + 0.004435015225475601 \|\| min-> 0.170172527072185 < 0.1643184638554217 - 0.004435015225475601, VDDSHV4_Power out of expected range: max-> 0.08499012831652517 > 0.07583556626506024 + |

0.003493286736420973 || min-> 0.073899298152715 < 0.07583556626506024 - 0.003493286736420973, VDDSHV6_Power out of expected range: max-> 62.61093370225258 > 30.069829861445783 + 3.4914155306067935 || min-> 37.59568692869593 < 30.069829861445783 - 3.4914155306067935, Total_Power out of expected range: max-> 633.7605880092367 > 445.25557374242425 + 10.15001984871516 || min-> 534.3013869632816 < 445.25557374242425 - 10.15001984871516

LOG PATH

**Test Case amsdkA-313: 3D Graphics power performance**

Summary:

Measure power while running 3D graphics application

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 294.1620812568736 > 162.1656748161435 + 62.04357566592366 || min-> 206.72798603376873 < 162.1656748161435 - 62.04357566592366, VDD_MPU_Power out of expected range: max-> 185.41101546358306 > 83.01557802242152 + 70.0677509557882 || min-> 46.79777994610569 < 83.01557802242152 - 70.0677509557882, VDDS_RTC_Power out of expected range: max-> 0.7718836057321166 > 0.8068197578475337 + 0.02109735811851207 || min-> 0.7698557233172431 < 0.8068197578475337 - 0.02109735811851207, VDDS_DDR_Power out of expected range: max-> 167.8682897521586 > 90.12998325560538 + 37.27970432727073 || min-> 155.32348627091795 < 90.12998325560538 - 37.27970432727073, VDDS_Power out of expected range: max-> 2.5156503744640384 > 1.8187171793721975 + 0.509713106838365 || min-> 1.544651560864543 < 1.8187171793721975 - 0.509713106838365, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.582904179323488 > 2.2325055739910313 + 0.05768203649018697 || min-> 2.2034535542185276 < 2.2325055739910313 - 0.05768203649018697, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 4.520574828403938 > 1.9224099865470852 + 0.4039342229041169 || min-> 2.6443615342396276 < 1.9224099865470852 - 0.4039342229041169, VDDS_PLL_DDR_Power out of expected range: max-> 1.992262980909586 > 1.8762106412556054 + 0.06354009904898038 || min-> 1.9902305684684185 < 1.8762106412556054 - 0.06354009904898038, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.70994851549163 > 14.180863484304934 + 0.2660822216795156 || min-> 13.698639990134124 < 14.180863484304934 - 0.2660822216795156, VDDS_PLL_MPU_Power out of expected range: max-> 3.6775558422152463 > 1.92512667264574 + 0.04804486556321136 || min-> 2.0096470378283477 < 1.92512667264574 - 0.04804486556321136, VDDS_OSC_Power out of expected range: max-> 1.240401580111915 >

1.189056294797688 + 0.023242166690534336 || min-> 1.2347133291392114 < 1.189056294797688 - 0.023242166690534336, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.916549525858265 > 35.86930734682081 + 1.2304381816873344 || min-> 32.8498567914823 < 35.86930734682081 - 1.2304381816873344, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.450200469634346 > 8.733695184971099 + 0.9389732732970755 || min-> 10.424960314008477 < 8.733695184971099 - 0.9389732732970755, VDDSHV2_Power out of expected range: max-> 32.66882871995059 > 10.10027034682081 + 7.633875252724666 || min-> 2.0701491404577226 < 10.10027034682081 - 7.633875252724666, VDDSHV3_Power out of expected range: max-> 0.18074926960690846 > 0.1644801849710983 + 0.005097020375648349 || min-> 0.1653379413424145 < 0.1644801849710983 - 0.005097020375648349, VDDSHV4_Power out of expected range: max-> 0.08751609162968092 > 0.07601890751445087 + 0.0033599437231586265 || min-> 0.07335488245083095 < 0.07601890751445087 - 0.0033599437231586265, VDDSHV6_Power out of expected range: max-> 62.588946314645774 > 30.025481416184974 + 3.7490585257356015 || min-> 32.75981011394455 < 30.025481416184974 - 3.7490585257356015, Total_Power out of expected range: max-> 776.3924751975485 > 445.07085755719555 + 10.318647099447107 || min-> 533.9934353722941 < 445.07085755719555 - 10.318647099447107

LOG PATH

**Test Case amsdkA-314: Audio + Video power performance**

Summary:

Measure power while running video and audio decode and playback

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDD_CORE_Power out of expected range: max-> 242.04068307180032 > 162.80533681545063 + 60.63600117209407 || min-> 206.66704250493532 < 162.80533681545063 - 60.63600117209407, VDDS_RTC_Power out of expected range: max-> 0.7714471179925955 > 0.8061413433476394 + 0.020773859271929516 || min-> 0.7701479034140304 < 0.8061413433476394 - 0.020773859271929516, VDDS_DDR_Power out of expected range: max-> 160.17118443293117 > 88.00865821030042 + 37.54035171762461 || min-> 150.62708932099028 < 88.00865821030042 - 37.54035171762461, VDDS_Power out of expected range: max-> 2.5024199917786794 > 1.8811401502145924 + 0.5723381916849377 || min-> 1.6128649680841032 < 1.8811401502145924 - 0.5723381916849377, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.337226062888936 > 2.2218330128755364 + 0.06026238085930562 || min-> 2.2040216661637886 < 2.2218330128755364 - 0.06026238085930562, |

VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.8461864170842315 > 1.9218631673819744 + 0.39342601090700596 || min-> 2.6446664836623546 < 1.9218631673819744 - 0.39342601090700596, VDDS_PLL_DDR_Power out of expected range: max-> 1.9917563073056148 > 1.876160618025751 + 0.062135285557730985 || min-> 1.9901483305674859 < 1.876160618025751 - 0.062135285557730985, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.706483173773789 > 14.19881384978541 + 0.27293239484464454 || min-> 13.698406158963316 < 14.19881384978541 - 0.27293239484464454, VDDS_PLL_MPU_Power out of expected range: max-> 2.012677590141388 > 1.9247272360515022 + 0.04702253516794456 || min-> 2.009792401818275 < 1.9247272360515022 - 0.04702253516794456, VDDS_OSC_Power out of expected range: max-> 1.2403864627215193 > 1.1932330655737704 + 0.027012794437044352 || min-> 1.2380483799061708 < 1.1932330655737704 - 0.027012794437044352, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.96269172771485 > 35.652054349726775 + 1.4119695267145917 || min-> 32.85002946163081 < 35.652054349726775 - 1.4119695267145917, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.448637728399248 > 8.894827333333334 + 1.0877303216100405 || min-> 10.439753038026447 < 8.894827333333334 - 1.0877303216100405, VDDSHV2_Power out of expected range: max-> 32.65438734987617 > 9.089577087431694 + 7.791702830226384 || min-> 2.038916719848019 < 9.089577087431694 - 7.791702830226384, VDDSHV3_Power out of expected range: max-> 0.18159568865010794 > 0.16604218032786885 + 0.00533079711276007 || min-> 0.16988999961471632 < 0.16604218032786885 - 0.00533079711276007, VDDSHV4_Power out of expected range: max-> 0.08668816951811137 > 0.07709978688524591 + 0.003955093941513923 || min-> 0.07463739199313092 < 0.07709978688524591 - 0.003955093941513923, VDDSHV6_Power out of expected range: max-> 62.73592315237038 > 30.539540016393442 + 4.101832605336011 || min-> 36.923952390459945 < 30.539540016393442 - 4.101832605336011, Total_Power out of expected range: max-> 634.9382797486585 > 445.2575526360424 + 10.055886564739417 || min-> 529.6248246773664 < 445.2575526360424 - 10.055886564739417

LOG PATH

# 3.7.6 Test Suite : Suspend mode

**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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collected, VDDS_Power out of expected range: max-> 0.1869700808395218 > 0.9481935688073394 + 0.26744721618046924 \|\| min-> 0.18016369988507913 < 0.9481935688073394 - 0.26744721618046924, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 0.17119659031475526 > 1.210902658256881 + 0.18345717011341 \|\| min-> 0.16971721626519856 < 1.210902658256881 - 0.18345717011341, VDDS_OSC_Power out of expected range: max-> 0.0010898087162347924 > 0.0008615738396624473 + 0.0002166056809219277 \|\| min-> 0.000314121379183689 < 0.0008615738396624473 - 0.0002166056809219277, VDDA_1P8V_USB0_1_Power out of expected range: max-> 0.003423402010194415 > 0.00245062869198312 2 + 0.0003942236864218006 \|\| min-> 0.0018433162479001841 < 0.00245062869198312 2 - 0.0003942236864218006, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 0.06685176254540735 > 0.0706244852320675 + 0.00040731818340949396 \|\| min-> 0.0652256029501428 < 0.0706244852320675 - 0.00040731818340949396, VDDA_ADC_Power out of expected range: max-> 0.804682039109039 > 0.8654345400843882 + 0.04699794750543781 \|\| min-> 0.8023028754399667 < 0.8654345400843882 - 0.04699794750543781, VDDSHV1_Power out of expected range: max-> 0.07699582657431847 > 0.340435358649789 + 0.025660237631708546 \|\| min-> 0.0630202126925207 < 0.340435358649789 - 0.025660237631708546, VDDSHV2_Power out of expected range: max-> 0.07672474787985022 > 0.07462503375527427 + 0.004547176379745631 \|\| min-> 0.06213979336065329 < 0.07462503375527427 - 0.004547176379745631, VDDSHV3_Power out of expected range: max-> 0.08832245344334841 > 0.11866001687763712 + 0.005749979189325988 \|\| min-> 0.07631381139046205 < 0.11866001687763712 - 0.005749979189325988, VDDSHV4_Power out of expected range: max-> 0.05334320897068404 > 0.08014074261603375 + 0.0040207857131748645 \|\| min-> 0.04089397084467653 < 0.08014074261603375 - 0.0040207857131748645, VDDSHV5_Power out of expected range: max-> 0.10999551879879345 > 0.21824783544303797 + 0.005723913148845136 \|\| min-> 0.09593020511588264 < 0.21824783544303797 - 0.005723913148845136 |

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | debug |
| Tester | gt_amsdk_lead |
| Testing notes | Power Performance data collectedPerformance data was NOT compared |

LOG PATH

# 3.8 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

# 3.8.1 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).

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 1.5 Mb/s. AVG Throughput=0.4 Buffer Size Throughput 1024 0.4 Performance data was NOT compared |
| | 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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 4096 13.45 Performance data was NOT compared |
| | 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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 8192 16.91 Performance data was NOT compared |
| | LOG PATH |

**Test Case amsdkA-894: WLAN Non-secure, TCP Stream, Buffer size 16 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 16384 21.15 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-895: WLAN Non-secure, TCP Stream, Buffer size 32 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 32768 25.58 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-896: WLAN Non-secure, TCP Stream, Buffer size 64 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 65536 27.51 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-897: WLAN Non-secure, TCP Stream, Buffer size 128 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 131702 27.25 Performance data was NOT compared |

LOG PATH

# 3.8.2 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).

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 1.5 Mb/s. AVG Throughput=0.4 Buffer Size Throughput 1024 0.4 Performance data was NOT compared<br><br>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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 4096 14.01 Performance data was NOT compared<br><br>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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 8192 17.85 Performance data was NOT compared<br><br>LOG PATH |

**Test Case amsdkA-898: WLAN WEP 40 bits, TCP Stream, Buffer size 16 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 16384 19.87 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-899: WLAN WEP 40 bits, TCP Stream, Buffer size 32 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 32768 20.05 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-900: WLAN WEP 40 bits, TCP Stream, Buffer size 64 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 65536 20.27 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-901: WLAN WEP 40 bits, TCP Stream, Buffer size 128 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 131702 20.31 Performance data was NOT compared |

LOG PATH

# 3.8.3 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).

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 1.5 Mb/s. AVG Throughput=0.4 Buffer Size Throughput 1024 0.4 Performance data was NOT compared<br><br>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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 4096 13.97 Performance data was NOT compared<br><br>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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 8192 17.76 Performance data was NOT compared<br><br>LOG PATH |

**Test Case amsdkA-902: WLAN WEP 128 bits, TCP Stream, Buffer size 16 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 16384 19.87 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-903: WLAN WEP 128 bits, TCP Stream, Buffer size 32 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 32768 19.91 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-904: WLAN WEP 128 bits, TCP Stream, Buffer size 64 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 65536 20.46 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-905: WLAN WEP 128 bits, TCP Stream, Buffer size 128 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 131702 20.57 Performance data was NOT compared |

LOG PATH

# 3.8.4 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).

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 1.5 Mb/s. AVG Throughput=0.41 Buffer Size Throughput 1024 0.41 Performance data was NOT compared |
| | 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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 4096 13.76 Performance data was NOT compared |
| | 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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 8192 17.65 Performance data was NOT compared |
| | LOG PATH |

**Test Case amsdkA-906: WLAN WPA-PSK, TCP Stream, Buffer size 16 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 16384 19.98 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-907: WLAN WPA-PSK, TCP Stream, Buffer size 32 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 32768 20.29 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-908: WLAN WPA-PSK, TCP Stream, Buffer size 64 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 65536 20.4 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-909: WLAN WPA-PSK, TCP Stream, Buffer size 128 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 131702 20.46 Performance data was NOT compared |

LOG PATH

# 3.8.5 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).

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 1.5 Mb/s. AVG Throughput=0.4 Buffer Size Throughput 1024 0.4 Performance data was NOT compared |

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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 4096 12.42 Performance data was NOT compared |

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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 8192 17.98 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-910: WLAN WPA2-PSK, TCP Stream, Buffer size 16 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 16384 22.27 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-911: WLAN WPA2-PSK, TCP Stream, Buffer size 32 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 32768 26.98 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-912: WLAN WPA2-PSK, TCP Stream, Buffer size 64 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 65536 29.07 Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-913: WLAN WPA2-PSK, TCP Stream, Buffer size 128 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 131702 28.9 Performance data was NOT compared |

LOG PATH

# 3.9 Test Suite : lmbench

**Test Case amsdkA-1073: LMBench test**

Summary:

LMBench test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 3.10 Test Suite : Netperf

Tool to measure TCP/UDP bandwidth.

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

# 3.10.1 Test Suite : TCP

TCP bandwidth

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

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["16384"] {""=>148.56} Performance data was NOT compared |

LOG PATH

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

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["32768"] {""=>144.57} Performance data was NOT compared |

LOG PATH

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

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["65536"] {""=>137.14} Performance data was NOT compared |

LOG PATH

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

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["131072"] {""=>138.74} Performance data was NOT compared |

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).

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 30.0 Mb/s. AVG Throughput=0.41 Buffer Size Throughput ["256"] {""=>0.41} Performance data was NOT compared |

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).

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 30.0 Mb/s. AVG Throughput=0.41 Buffer Size Throughput ["512"] {""=>0.41} Performance data was NOT compared |

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).

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 30.0 Mb/s. AVG Throughput=0.41 Buffer Size Throughput ["1024"] {""=>0.41} Performance data was NOT compared |

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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["4096"] {""=>131.15} Performance data was NOT compared |

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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["8192"] {""=>179.27} Performance data was NOT compared |

LOG PATH

# 3.10.2 Test Suite : UDP

**Test Case amsdkA-1074: UDP Stream, Buffer size 16 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["16384"] {"receive"=>290.17, "send"=>290.17}<br>Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1075: UDP Stream, Buffer size 32 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["32768"] {"receive"=>295.16, "send"=>295.23}<br>Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1076: UDP Stream, Buffer size 64 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["65536"] {"receive"=>292.53, "send"=>292.53}<br>Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1077: UDP Stream, Buffer size 128 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["131072"] {"receive"=>305.94, "send"=>305.94}<br>Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1078: UDP Stream, Buffer size 256**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["256"] {"receive"=>215.25, "send"=>215.26}<br>Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1079: UDP Stream, Buffer size 512**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["512"] {"receive"=>214.35, "send"=>214.35}<br>Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1080: UDP Stream, Buffer size 1024**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["1024"] {"receive"=>208.57, "send"=>208.57}<br>Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1081: UDP Stream, Buffer size 4096**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["4096"] {"receive"=>273.96, "send"=>274.0}<br>Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1082: UDP Stream, Buffer size 8192**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["8192"] {"receive"=>274.81, "send"=>274.88}<br>Performance data was NOT compared |

LOG PATH

# 3.11 Test Suite : Graphics

**Test Case amsdkA-1505: IMG's OGLES2ChameleonMan FPS performance**

Summary:
Measure FPS of IMG OGLES2ChameleonMan demo

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | FPS data collected successfully Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1506: IMG's OGLES2Coverflow FPS performance**

Summary:
Measure FPS of IMG OGLES2Coverflow demo

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | FPS data collected successfully Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1507: IMG's OGLES2Shaders FPS performance**

Summary:
Measure FPS of IMG OGLES2Shaders demo

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | FPS data collected successfully Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-1508: IMG's OGLESVase FPS performance**

Summary:
Measure FPS of IMG OGLESVase demo

| | |
|---|---|
| Last Result: | **Passed** |

| | |
|---|---|
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | FPS data collected successfully Performance data was NOT compared |

LOG PATH

# 4 Test Suite : Stress

# 4.1 Test Suite : power_long_term

### Test Case amsdkA-1053: Long term Suspend Resume stress test

Summary:

This test cases to stress the platform by cycling through suspend-resume states for a number of iteration.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Suspend-Resume Stress Test=100.0 |

LOG PATH

### Test Case amsdkA-1055: Long term graphic_suspend_resume

Summary:

This test case is to very that graphic continue running after system resumes from suspend.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

### Test Case amsdkA-1056: Long term ethernet_suspend_resume

Summary:

This test case is to very that ethernet continue running after system resumes from suspend.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-1058: Long term video_suspend_resume**

Summary:

This test case is to very that video continue running after system resumes from suspend.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-1059: Long term mmc suspend resume**

Summary:

This test case is to verify that, MMC function proprorely after system resume.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-1060: Long term usb suspend resume**

Summary:

Test case verifies that usb continue to function properly after resmume.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

# 4.2 Test Suite : wireless long term

### Test Case amsdkA-1529: wlan_data,lan_data, bluetooth and Video/audio playing for long time

Summary:

Data is send over the wireless while video is playing.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-1530: bluetooth

Summary:

This stress test case, stress the system by enabling and disabling bluetooth inteface 1000 times and verifying connectivity.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

### Test Case amsdkA-1531: wifi_open

Summary:

This test case stress the system by enabling , configuring and checking connectiviy and finaly disabling for 1000 times.

This is non secure connection setup.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

### Test Case amsdkA-1532: wifi_wpa-psk

Summary:

This test case stresses the stystem by enabling, configuring , checking connectivity and finaly disabling for 1000 times.

This is WPA-PSK enabled communication. This test should run with 100% success.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-1533: wifi_open and bluetooth

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-1534: wifi_wpa-psk and bluetooth

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 4.3 Test Suite : wireless

**Test Case amsdkA-599: wifi_data and Video/audio playing for long time**

Summary:

Data is send over the wireless while video is playing.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-594: bluetooth**

Summary:

This stress test case, stress the system by enabling and disabling bluetooth inteface 1000 times and verifying connectivity.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-595: wifi_open**

Summary:

This test case stress the system by enabling , configuring and checking connectiviy and finaly disabling for 1000 times.

This is non secure connection setup.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-596: wifi_wpa-psk**

Summary:

This test case stresses the stystem by enabling, configuring , checking connectivity and finaly disabling for 1000 times.

This is WPA-PSK enabled communication.  This test should run with 100% success.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-597: wifi_open and bluetooth**

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-598: wifi_wpa-psk and bluetooth**

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

# 4.4 Test Suite : power

**Test Case amsdkA-600: Short time Suspend Resume stress test**

Summary:

This test cases to stress the platform by cycling through suspend-resume states for a number of iteration.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-788: graphic_suspend_resume**

Summary:

This test case is to very that graphic continue running after system resumes from suspend.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-789: ethernet_suspend_resume**

Summary:

This test case is to very that ethernet continue running after system resumes from suspend.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-790: wlan_suspend_resume**

Summary:

This test case is to very that wlan continue running after system resumes from suspend.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

### Test Case amsdkA-791: video_suspend_resume

Summary:

This test case is to very that video continue running after system resumes from suspend.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

### Test Case amsdkA-792: mmc suspend resume

Summary:

This test case is to verify that, MMC function proprorely after system resume.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Suspend-Resume Stress Test=100.0 |

LOG PATH

### Test Case amsdkA-793: usb suspend resume

Summary:

Test case verifies that usb continue to function properly after resmume.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

| | |
|---|---|
| Testing notes | Suspend-Resume Stress Test=100.0 |
| | LOG PATH |

# 4.5 Test Suite : media

**Test Case amsdkA-670: Android Music Play**

Summary:

This test case stress music play application.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-671: Android Video play**

Summary:

This test case stress the video play application.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |

LOG PATH

# 4.6 Test Suite : Browser

Browser  Stress test

**Test Case amsdkA-602: Browser Stres test**

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 4.7 Test Suite : Graphics

Graphics related stress test.

**Test Case amsdkA-603: Graphics Stress Test**

Summary:

This test case stress the system by running all graphics application for a number of iteration.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-604: Graphics and Audio Stress Test**

Summary:

This test case stresses the system by running all graphics applications and music.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-605: Graphics and Video Stress Test**

Summary:

The test cases stresses the system running graphics and video applications.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-606: Graphics and Audio and video Stress Test**

Summary:

This test case stress the system by running graphics, video and audio application.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |
| | LOG PATH |

# 4.8 Test Suite : LAN

Stress test area for LAN

### Test Case amsdkA-607: LAN_data and Video/audio playing for long time

Summary:

Data is send over the LAN while video is playing.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

### Test Case amsdkA-663: 2-hr Network Stream Test

Summary:

Network Stream test

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | All streams played successfully |

LOG PATH

### Test Case amsdkA-759: 5-min WLAN No Security Stream Test

Summary:

WLAN No Security Stream Test

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | All streams played successfully |

LOG PATH

**Test Case amsdkA-763: 5-min Network Stream Test**

Summary:

Network Stream test

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | All streams played successfully |

LOG PATH

**Test Case amsdkA-768: 2-hr WLAN No Security Stream Test**

Summary:

WLAN No Security Stream Test

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | All streams played successfully |

LOG PATH

# 4.9 Test Suite : Device IO

**Test Case amsdkA-1067: 2-hr File copy Stress test between peripherals**

Summary:

File copy Stress test between peripherals, this test verifies multiple file copies between board peripherals for a long period of time

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | File copied successfully |
| | LOG PATH |

# 4.10 Test Suite : graphics_long_term

**Test Case amsdkA-1051: Long term Graphics and Audio and video Stress Test**

Summary:

This test case stress the system by running graphics, video and audio application.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |
| | LOG PATH |

**Test Case amsdkA-1050: Long term Graphics and Video Stress Test**

Summary:

The test cases stresses the system running graphics and video applications.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |
| | LOG PATH |

**Test Case amsdkA-1049: Long term Graphics and Audio Stress Test**

Summary:

This test case stresses the system by running all graphics applications and music.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-1048: Long term Graphics Stress Test**

Summary:

This test case stress the system by running all graphics application for a number of iteration.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Graphics Stress Test=100.0 |

LOG PATH

# 5 Test Suite : Documentation

### Test Case amsdkA-54: DevKit Users Guide

Summary:

Verify that a DevKit Users Guide document is provided

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-55: Release Notes

Summary:

Verify that a Release Notes are provided

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-56: Porting Guide

Summary:

Verify that an Android Rowboat Porting Guide document is provided

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-57: CTS Report

Summary:

Verify that a CTS report is provided

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-58: DevKit Test Report

Summary:

Verify that a DevKit Test Report is provided

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-75: ADB .apk File Download

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-76: Eclipse APK File Download

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-78: DevKit Developers Guide

Summary:

Verify that a DevKit Developers Guide document is provided

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-81: Document Format

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

# 6 Test Suite : Kitting

### Test Case amsdkA-53: DevKit Content

Summary:

Devkit content should be complete (see expected results section)

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-77: Android Devkit apk file

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 7 Test Suite : Functionality

Functional Test cases

# 7.1 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-87: RootFS over NFS

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |

| | |
|---|---|
| Tester | gt_amsdk_lead |

# 7.2 Test Suite : Bluetooth

### Test Case amsdkA-669: BT-Stream music to bluetooth stereo headset

Summary:

Stream music to bluetooth stereo headset via A2DP profile

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-477: Bluetooth Object push

Summary:

Verify that you can transfer files to the device via a bluetooth connection

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-887: BT-Verify that HID devices are working as expected

Summary:

Verify that BT HID devices mouse and/or keyboard are recognized by the EVM and are working as expected

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 7.3 Test Suite : WLAN

### Test Case amsdkA-929: Verify softAP functionality

Summary:

Verify that the device can be configured as a sotf Access Point

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-930: Verify Wifi Direct functionality

Summary:

Verify Wifi direct functionality in the device

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 7.4 Test Suite : Media/Picture Transfer Protocol (MTP, PTP)

**Test Case amsdkA-1504: Media Transfer Protocol**

Summary:

Verify that MTP functionality is working on the device

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-1509: Picture Transfer Protocol**

Summary:

Verify that PTP functionality is working on the device

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 7.5 Test Suite : 3G

**Test Case amsdkA-1526: USB 3G connectivity**

Summary:

Verify 3G connectivity on the board

| | |
|---|---|
| Last Result: | **Blocked** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 7.6 Test Suite : Audio

**Test Case amsdkA-1535: Line-out**

Summary:

Verify that line-out is working correctly

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 7.7 Test Suite : Graphics

**Test Case amsdkA-764: 3DAnimation**

Summary:

Run the Animation3D.apk which is located on gtautoftp/android/common/cdd_app.

This application demonstrates 3d graphics with animation.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 8 Test Suite : Miscellaneous

This test area list different kinds of test cases.

**Test Case amsdkA-610: Music application lists songs.**

Summary:

Music application lists songs based on artists, genre and displays album graphic.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-611: Music application lists Songs from External Storage and Recorded**

Summary:

Music application lists Songs from External Storage and Recorded Sounds.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-612: Camera will be part of Android DevKit core applications**

Summary:

Camera will be part of Android DevKit core applications.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-613: Dev Tools will be part of Android DevKit core applications**

Summary:

Dev Tools will be part of Android DevKit core applications.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-614: ICONS for standard applications will be placed on main window

Summary:

ICONS for standard applications will be placed on main window.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-615: Security will be turned ON in Android Layer

Summary:

Security will be turned ON in Android Layer

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-617: Android DevKit should contain Sources for Linux Kernel

Summary:

Android DevKit should contain Sources for  Linux Kernel

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-618: The DevKit installer should work on a ubuntu Linux host machine

Summary:

The DevKit installer should work on a ubuntu Linux host machine

Last Result: **Passed**

Build 2013-6-14
Tester gt_amsdk_lead

**Test Case amsdkA-619: Links to support infrastructure on e2e and rowboat to be provided**

Summary:

Links to support infrastructure on e2e and rowboat to be provided
Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

**Test Case amsdkA-620: Email will be part of Android DevKit core applications**

Summary:

Email will be part of Android DevKit core applications
Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

**Test Case amsdkA-621: Links to raise defects against this release should be provided**

Summary:

Links to raise defects against this release should be provided
Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

**Test Case amsdkA-622: Customers should be notified about devkit release through TI news, infolink, android porting mailing**

Summary:

Customers should be notified about devkit release through TI news, infolink, android porting mailing
Last Result: **Passed**

| | |
|---|---|
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-624: Calendar will be part of Android DevKit core applications

Summary:

Calendar will be part of Android DevKit core applications.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-625: Android home screen contains Launcher -

Summary:

Android home screen contains Launcher - gateway to all applications

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-626: Android home screen contains Global Search Bar

Summary:

Android home screen contains Global Search Bar

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-627: Android Home Screen contains Tips widget to give important Tips

Summary:

Android Home Screen contains Tips widget to give important Tips

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |

Tester gt_amsdk_lead

### Test Case amsdkA-628: Addtitional Widgets can be added to Home Screen by a long press on

Summary:

Addtitional Widgets can be added to Home Screen by a long press on the Blank area of Home Screen

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-629: Multiple Home Screen (5 Screens)

Summary:

Multiple Home Screen (5 Screens)

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-630: Slidable Status bar

Summary:

Slidable Status bar Indicating Time, System Events on top of the Home Screen

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-631: Wallpaper can be changed

Summary:

Wallpaper can be changed by pressing long on the Blank area of Home Screen

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

### Test Case amsdkA-632: Keypad contains HOME, BACK, POWER and MENU Keys.

Summary:

Keypad contains HOME, BACK, POWER and MENU Keys.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-633: Gallery will be part of Android DevKit core applications

Summary:

Gallery will be part of Android DevKit core applications

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-634: Launcher will be part of Android DevKit core applications

Summary:

Launcher will be part of Android DevKit core applications

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-635: Global Search will be part of Android DevKit core applications

Summary:

Global Search will be part of Android DevKit core applications

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-636: Settings application helps to configure Sound, Display and various OOBE settings**

Summary:

Settings application helps to configure Sound, Display and various OOBE settings

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 9 Test Suite : Control/informative

**Test Case amsdkA-638: Hardware Volume Controls**

Summary:

Android DevKit supports Hardware Volume Controls

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 10 Test Suite : IO

IO related maual test cases.

### Test Case amsdkA-642: Android DevKit supports Touchscreen

Summary:

Android DevKit supports Touchscreen

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-643: Android DevKit supports Mouse

Summary:

Android DevKit supports Mouse

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

# 11 Test Suite : Processor Speed

### Test Case amsdkA-647: Android DevKit supports Cortex A8 ARM up to Maximum Frequancy

Summary:

Android DevKit supports Cortex A8 ARM up to Maximum Frequancy.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

### Test Case amsdkA-648: Android DevKit supports SGX up to Maximum Frequancy

Summary:

Android DevKit supports SGX up to Maximum Frequancy

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-6-14 |
| Tester | gt_amsdk_lead |

Texas Instruments
amsdk_android

---

AM335-EVM_PG1.0_JB_4.2.2

Test Report

Project: amsdk_android

Author: gt_amsdk_lead

Printed by TestLink on 06/25/2013

2009 (c) Testlink Community

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Camera Functionality

Audio

Line-out

# 1 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

# 1.1 Test Suite : Development Tools

**Test Case amsdkA-14: ADB USB**

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

**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)

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| 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.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

# 1.2 Test Suite : Multimedia

# 1.2.1 Test Suite : Audio

# 1.2.1.1 Test Suite : Decode

**Test Case amsdkA-30: HE-AACv2(enhanced AAC+)**

Summary:

Mono/Stereo content in any combination of standard bit rates up to 160 kbps and sampling rates between 8 to 48kHz. File Fortmat is 3GPP (.3gp) and MPEG-4 (.mp4, .m4a). No support for raw AAC (.aac)

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Volume is very low |

## 1.2.2 Test Suite : Image

# 1.2.2.1 Test Suite : Decode

**Test Case amsdkA-39: JPEG**

Summary:

Display JPEG files using the Gallery app.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-40: PNG**

Summary:

Display PNG image with Galllery app.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-41: GIF**

Summary:

Display GIF image with Gallery app.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-42: BMP**

Summary:

Display BMP Image with Gallery app.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

# 1.2.3 Test Suite : Video

# 1.2.3.1 Test Suite : Decode

**Test Case amsdkA-46: MPEG4 SP**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-776: H.264_352x288_4mbps_aac**

Summary:

H.264 files in 3GPP(.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-782: MPEG4_720x480_15mbps_aac**

Summary:

MPEG4 files in 3GPP (.3gp) container

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |

LOG PATH

# 2 Test Suite : Performance

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

1. System
2. Graphics
3. Browser

# 2.1 Test Suite : System

**Test Case amsdkA-117: Boot time**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | First boot: 103 sec<br>Other: 43 sec |

# 2.2 Test Suite : 0xBench

**Test Case amsdkA-89: 0xBench Math Linpack test**

Summary:

0xBench Math Linpack test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | MathLinpack performance data collected successfullyPerformance data was NOT compared |

LOG PATH

**Test Case amsdkA-90: 0xBench Math Scimark2 test**

Summary:

0xBench Math Scimark2 test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | MathScimark2 performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Canvas test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawCanvas performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Circle test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawCircle performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Circle2 test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawCircle2 performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Rect test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawRect performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Arc test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawArc performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 2D Draw Image test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawImage performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench2D Draw Text test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 2DDrawText performance data collected successfullyPerformance data was NOT compared |

LOG PATH

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

Summary:

0xBench 3D OpenGL Cube test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | |

| | |
|---|---|
| | 3DOpenGLCube performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench 3D OpenGL Blending test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 3DOpenGLBlending performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench 3D OpenGL Fog test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 3DOpenGLFog performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench 3D OpenGL Flying Teapot test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | 3DOpenGLTeapot performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

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

Summary:

0xBench VM Garbage Collection test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | VMGC performance data collected successfullyPerformance data was NOT compared<br><br>LOG PATH |

# 2.3 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASS.Performance data was NOT compared |
| | LOG PATH |

# 2.4 Test Suite : RowboPerf

Various Performance metrics

**Test Case amsdkA-118: Dhrystone**

Summary:

Measure Dhrystone bechmark

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASSED.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-119: Whetstone**

Summary:

Measure Whetstone metric

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASSED.Performance data was NOT compared |

LOG PATH

**Test Case amsdkA-120: Linpack**

Summary:

Measure Linpack metrics

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Test case PASSED.Performance data was NOT compared |

LOG PATH

# 2.5 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Mean-TX=4145.7 Mean-RX=4581.5Performance data was NOT compared |

LOG PATH

# 2.6 Test Suite : Storage

Read and Write performance tests

# 2.6.1 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

**Test Case amsdkA-890: USB vfat partition write/read test with a block size of 5242880 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 5242880 bytes and a file of size 104857600 bytes
---- *** ----

USB vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |
| | LOG PATH |

# 2.6.2 Test Suite : MMC/SD

**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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared<br><br>LOG PATH |

**Test Case amsdkA-892: MMC/SD vfat partition write/read test with a block size of 102400 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 102400 bytes and a file of size 104857600 bytes
---- *** ----

MMC/SD vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | StorageIO performance data collected successfullyPerformance data was NOT compared |

LOG PATH

# 2.7 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

# 2.7.1 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).

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 1.5 Mb/s. AVG Throughput=0.41 Buffer Size Throughput 1024 0.41 Performance data was NOT compared<br><br>LOG PATH |

# 2.7.2 Test Suite : WEP 40 bits

**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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 4096 13.17 Performance data was NOT compared |
| | LOG PATH |

# 2.7.3 Test Suite : WEP 128 bits

**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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 8192 17.37 Performance data was NOT compared |
| | LOG PATH |

# 2.7.4 Test Suite : WPA-PSK

**Test Case amsdkA-906: WLAN WPA-PSK, TCP Stream, Buffer size 16 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 16384 19.68 Performance data was NOT compared |
| | LOG PATH |

# 2.7.5 Test Suite : WPA2-PSK

**Test Case amsdkA-911: WLAN WPA2-PSK, TCP Stream, Buffer size 32 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput 32768 28.7 Performance data was NOT compared |
| | LOG PATH |

# 2.8 Test Suite : lmbench

**Test Case amsdkA-1073: LMBench test**

Summary:

LMBench test.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | lmbench data collected successfully Performance data was NOT compared |

LOG PATH

## 2.9 Test Suite : Netperf

Tool to measure TCP/UDP bandwidth.

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

# 2.9.1 Test Suite : TCP

TCP bandwidth

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

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["16384"] {""=>79.49} Performance data was NOT compared |

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).

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Buffer Size Throughput ["8192"] {""=>86.42} Performance data was NOT compared |

LOG PATH

# 2.9.2 Test Suite : UDP

**Test Case amsdkA-1075: UDP Stream, Buffer size 32 KB**

Summary:

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 30.0 Mb/s. AVG Throughput=0.46 Buffer Size Throughput ["32768"] {"receive"=>0.46, "send"=>0.46} Performance data was NOT compared<br><br>LOG PATH |

**Test Case amsdkA-1081: UDP Stream, Buffer size 4096**

Summary:

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

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Performance is less than 30.0 Mb/s. AVG Throughput=0.49 Buffer Size Throughput ["4096"] {"receive"=>0.49, "send"=>0.49} Performance data was NOT compared<br><br>LOG PATH |

# 2.10 Test Suite : Graphics

**Test Case amsdkA-1505: IMG's OGLES2ChameleonMan FPS performance**

Summary:
Measure FPS of IMG OGLES2ChameleonMan demo

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | FPS data collected successfully Performance data was NOT compared |

LOG PATH

# 3 Test Suite : Stress

# 3.1 Test Suite : wireless

**Test Case amsdkA-594: bluetooth**

Summary:

This stress test case, stress the system by enabling and disabling bluetooth inteface 1000 times and verifying connectivity.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-595: wifi_open**

Summary:

This test case stress the system by enabling , configuring and checking connectiviy and finaly disabling for 1000 times.

This is non secure connection setup.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-596: wifi_wpa-psk**

Summary:

This test case stresses the stystem by enabling, configuring , checking connectivity and finaly disabling for 1000 times.

This is WPA-PSK enabled communication.  This test should run with 100% success.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |

| | |
|---|---|
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-597: wifi_open and bluetooth**

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

**Test Case amsdkA-598: wifi_wpa-psk and bluetooth**

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

# 3.2 Test Suite : LAN

Stress test area for LAN

### Test Case amsdkA-756: 5-min LAN_data and Video/audio playing for long time

Summary:

Data is send over the LAN while video is playing.

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Success Wireless Enable Disable Stress Test=100.0 |

LOG PATH

### Test Case amsdkA-762: 5-min WLAN WPA2-PSK Stream Test

Summary:

WLAN WPA2-PSK Stream Test

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | All streams played successfully |

LOG PATH

### Test Case amsdkA-763: 5-min Network Stream Test

Summary:

Network Stream test

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | All streams played successfully |

LOG PATH

# 4 Test Suite : Functionality

Functional Test cases

# 4.1 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| 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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-87: RootFS over NFS**

Summary:

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

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

# 4.2 Test Suite : Bluetooth

**Test Case amsdkA-669: BT-Stream music to bluetooth stereo headset**

Summary:

Stream music to bluetooth stereo headset via A2DP profile

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-477: Bluetooth Object push**

Summary:

Verify that you can transfer files to the device via a bluetooth connection

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

**Test Case amsdkA-887: BT-Verify that HID devices are working as expected**

Summary:

Verify that BT HID devices mouse and/or keyboard are recognized by the EVM and are working as expected

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

# 4.3 Test Suite : WLAN

### Test Case amsdkA-929: Verify softAP functionality

Summary:

Verify that the device can be configured as a sotf Access Point

Last Result: **Failed**

Build 2013-06-14

Tester gt_amsdk_lead

### Test Case amsdkA-930: Verify Wifi Direct functionality

Summary:

Verify Wifi direct functionality in the device

Last Result: **Failed**

Build 2013-06-14

Tester gt_amsdk_lead

# 4.4 Test Suite : Media/Picture Transfer Protocol (MTP, PTP)

**Test Case amsdkA-1504: Media Transfer Protocol**

Summary:

Verify that MTP functionality is working on the device

Last Result: **Passed**

Build 2013-06-14

Tester gt_amsdk_lead

**Test Case amsdkA-1509: Picture Transfer Protocol**

Summary:

Verify that PTP functionality is working on the device

Last Result: **Passed**

Build 2013-06-14

Tester gt_amsdk_lead

# 4.5 Test Suite : Camera

**Test Case amsdkA-1527: Camera Functionality**

Summary:

- Verify that the camera works in the device by:

1. Taking pictures

2. Recording video

3. Being able to test the camera option on the device

| | |
|---|---|
| Last Result: | **Passed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |

# 4.6 Test Suite : Audio

**Test Case amsdkA-1535: Line-out**

Summary:

Verify that line-out is working correctly

| | |
|---|---|
| Last Result: | **Failed** |
| Build | 2013-06-14 |
| Tester | gt_amsdk_lead |
| Testing notes | Volume is very low |