

**testreport AM335x-SK\_PG2.1\_JB\_4.2.2**

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HE-AACv2(enhanced AAC+)

AMR-NB

AMR WB

MP3

MIDI

Ogg Vorbis

PCM

Image

Decode

JPEG

PNG

GIF

BMP

Video

Decode

H.263

H.264

MPEG4 SP

MPEG4 352x288 15mbps aac

H.264 704x576 4mbps aac

H.264 640x360 4mbps aac

H.264 352x288 4mbps aac

H.263 352x288 4mbps aac

MPEG4 176x144 15mbps aac

MPEG4 640x360 15mbps aac

MPEG4 704x576 15mbps aac

MPEG4 720x480 15mbps aac

H.264 720x480 4mbps aac

MPEG4 BigBuckBunny

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SDK's LunarLander App

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RowboPerf

Dhrystone

Whetstone

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USB

USB vfat partition write/read test with a block size of 512 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

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

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

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

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

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

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

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

MMC/SD

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

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

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

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

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

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

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

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

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

Power

DVFS-Conservative

Idle power performance with FULL\_WAKE\_LOCK

Idle power performance with SCREEN\_BRIGHT\_WAKE\_LOCK

Idle power performance with SCREEN\_DIM\_WAKE\_LOCK

Idle power performance with PARTIAL\_WAKE\_LOCK

Dhrystone power performance with PARTIAL\_WAKE\_LOCK

3D Graphics power performance

Audio + Video power performance

DVFS-Performance

Idle power performance with FULL\_WAKE\_LOCK

Idle power performance with SCREEN\_BRIGHT\_WAKE\_LOCK

Idle power performance with SCREEN\_DIM\_WAKE\_LOCK

Idle power performance with PARTIAL\_WAKE\_LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

3D Graphics power performance

Audio + Video power performance

DVFS-Powersave

Idle power performance with FULL WAKE LOCK

Idle power performance with SCREEN BRIGHT WAKE LOCK

Idle power performance with SCREEN DIM WAKE LOCK

Idle power performance with PARTIAL WAKE LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

3D Graphics power performance

Audio + Video power performance

DVFS-userspace

800KHz

Idle power performance with FULL WAKE LOCK

Idle power performance with SCREEN BRIGHT WAKE LOCK

Idle power performance with SCREEN DIM WAKE LOCK

Idle power performance with PARTIAL WAKE LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

3D Graphics power performance

Audio + Video power performance

600KHz

Idle power performance with FULL WAKE LOCK

Idle power performance with SCREEN BRIGHT WAKE LOCK

Idle power performance with SCREEN DIM WAKE LOCK

Idle power performance with PARTIAL WAKE LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

3D Graphics power performance

Audio + Video power performance

300KHz

Idle power performance with FULL WAKE LOCK

Idle power performance with SCREEN BRIGHT WAKE LOCK

Idle power performance with SCREEN DIM WAKE LOCK

Idle power performance with PARTIAL WAKE LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

3D Graphics power performance

Audio + Video power performance

Suspend mode

SUSPEND MODE power consumption sleep while idle enabled and enable off mode enabled

WLAN

Non-secure

WLAN Non-secure, TCP Stream, Buffer size 1024

WLAN Non-secure, TCP Stream, Buffer size 4096

WLAN Non-secure, TCP Stream, Buffer size 8192

WLAN Non-secure, TCP Stream, Buffer size 16 KB

WLAN Non-secure, TCP Stream, Buffer size 32 KB

WLAN Non-secure, TCP Stream, Buffer size 64 KB

WLAN Non-secure, TCP Stream, Buffer size 128 KB

WEP 40 bits

WLAN WEP 40 bits, TCP Stream, Buffer size 1024

WLAN WEP 40 bits, TCP Stream, Buffer size 4096

WLAN WEP 40 bits, TCP Stream, Buffer size 8192

WLAN WEP 40 bits, TCP Stream, Buffer size 16 KB

WLAN WEP 40 bits, TCP Stream, Buffer size 32 KB

WLAN WEP 40 bits, TCP Stream, Buffer size 64 KB

WLAN WEP 40 bits, TCP Stream, Buffer size 128 KB

WEP 128 bits

WLAN WEP 128 bits, TCP Stream, Buffer size 1024

WLAN WEP 128 bits, TCP Stream, Buffer size 4096

WLAN WEP 128 bits, TCP Stream, Buffer size 8192

WLAN WEP 128 bits, TCP Stream, Buffer size 16 KB

WLAN WEP 128 bits, TCP Stream, Buffer size 32 KB

WLAN WEP 128 bits, TCP Stream, Buffer size 64 KB

WLAN WEP 128 bits, TCP Stream, Buffer size 128 KB

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WLAN WPA-PSK, TCP Stream, Buffer size 1024

WLAN WPA-PSK, TCP Stream, Buffer size 4096

WLAN WPA-PSK, TCP Stream, Buffer size 8192

WLAN WPA-PSK, TCP Stream, Buffer size 16 KB

WLAN WPA-PSK, TCP Stream, Buffer size 32 KB

WLAN WPA-PSK, TCP Stream, Buffer size 64 KB

WLAN WPA-PSK, TCP Stream, Buffer size 128 KB

WPA2-PSK

WLAN WPA2-PSK, TCP Stream, Buffer size 1024

WLAN WPA2-PSK, TCP Stream, Buffer size 4096

WLAN WPA2-PSK, TCP Stream, Buffer size 8192

WLAN WPA2-PSK, TCP Stream, Buffer size 16 KB

WLAN WPA2-PSK, TCP Stream, Buffer size 32 KB

WLAN WPA2-PSK, TCP Stream, Buffer size 64 KB

WLAN WPA2-PSK, TCP Stream, Buffer size 128 KB

Imbench

LMBench test

Netperf

TCP

TCP Stream, Buffer size 16 KB

TCP Stream, Buffer size 32 KB

TCP Stream, Buffer size 64 KB

TCP Stream, Buffer size 128 KB

TCP Stream, Buffer size 256

TCP Stream, Buffer size 512

TCP Stream, Buffer size 1024

TCP Stream, Buffer size 4096

TCP Stream, Buffer size 8192

UDP

UDP Stream, Buffer size 16 KB

UDP Stream, Buffer size 32 KB

UDP Stream, Buffer size 64 KB

UDP Stream, Buffer size 128 KB

UDP Stream, Buffer size 256

UDP Stream, Buffer size 512

UDP Stream, Buffer size 1024

UDP Stream, Buffer size 4096

UDP Stream, Buffer size 8192

Graphics

IMG's OGLS2ChameleonMan FPS performance

IMG's OGLS2Coverflow FPS performance

IMG's OGLS2Shaders FPS performance

IMG's OGLSVase FPS performance

Stress

wireless long term

wlan\_data,lan\_data, bluetooth and Video/audio playing for long time

bluetooth

wifi\_open

wifi\_wpa-psk

wifi\_open and bluetooth

wifi\_wpa-psk and bluetooth

wireless

wifi\_data and Video/audio playing for long time

wlan\_data,lan\_data, bluetooth and Video/audio playing for long time

bluetooth

wifi\_open

wifi\_wpa-psk

wifi\_open and bluetooth

wifi\_wpa-psk and bluetooth

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2-hr WLAN WPA2-PSK Stream Test

Device IO

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Long term Graphics and Audio and video Stress Test

Long term Graphics and Video Stress Test

Long term Graphics and Audio Stress Test

Long term Graphics Stress Test

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Line-out

Sensors

Ambient Light Sensor

Android DevKit supports Ambient Light Sensor

Accelerometer

Accelerometer Functionality

Miscellaneous

Music application lists songs.

Music application lists Songs from External Storage and Recorded

Camera will be part of Android DevKit core applications

Dev Tools will be part of Android DevKit core applications

ICONS for standard applications will be placed on main window

Security will be turned ON in Android Layer

Links to support infrastructure on e2e and rowboat to be provided

Email will be part of Android DevKit core applications

Calendar will be part of Android DevKit core applications

Android home screen contains Launcher -

Android home screen contains Global Search Bar

Android Home Screen contains Tips widget to give important Tips

Additional Widgets can be added to Home Screen by a long press on

Multiple Home Screen (5 Screens)

Slidable Status bar

Wallpaper can be changed

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

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

IO

Android DevKit supports Touchscreen

Android DevKit supports Mouse

Processor Speed

Android DevKit supports Cortex A8 ARM up to Maximum Frequency

Android DevKit supports SGX up to Maximum Frequency

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# 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 2013-05-29

Tester gt\_amsdk\_lead

Testing notes XML test result file generated at 2013.05.31\_17.55.09. Passed 17777, Failed 202, Not Executed 0  
06-01 05:02:12 Time: 11h 7m 2s

## 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               2013-06-14  
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

## **2.2 Test Suite : Multimedia**

## **2.2.1 Test Suite : Audio**

## 2.2.1.1 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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

### 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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

### 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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

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

Summary:

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

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead

#### **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 2013-06-14  
Tester gt\_amsdk\_lead

#### **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 2013-06-14  
Tester gt\_amsdk\_lead

#### **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 2013-06-14  
Tester gt\_amsdk\_lead

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

Summary:

Ogg Vorbis files in a Ogg (.ogg) container

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead

**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 2013-06-14  
Tester gt\_amsdk\_lead

## 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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

### Test Case amsdkA-40: PNG

Summary:

Display PNG image with Galllery app.

Last Result:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

### Test Case amsdkA-41: GIF

Summary:

Display GIF image with Gallery app.

Last Result:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

### Test Case amsdkA-42: BMP

Summary:

Display BMP Image with Gallery app.

Last Result:	<b>Passed</b>
Build	2013-06-14
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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

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

Summary:

H.264 files in 3GPP (.3gp) and MPEG-4 (.mp4) 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-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-772: MPEG4\_352x288\_15mbps\_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-774: H.264\_704x576\_4mbps\_aac**

Summary:

H.264 files in mpeg4 (.mp4) 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-775: H.264\_640x360\_4mbps\_aac**

Summary:

H.264 files in mpeg4 (.mp4) 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-777: H.263\_352x288\_4mbps\_aac**

Summary:

H.263 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-779: MPEG4\_176x144\_15mbps\_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-780: MPEG4\_640x360\_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

**Test Case amsdkA-781: MPEG4\_704x576\_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

**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

**Test Case amsdkA-784: H.264\_720x480\_4mbps\_aac**

Summary:

H.264 files in mpeg4 (.mp4) 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-787: MPEG4\_BigBuckBunny**

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

## 2.3 Test Suite : Reference Software

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

Summary:

Run Calculator app (from Google's SDK)

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

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

Summary:

Run LunarLander app (from Google's SDK)

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

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

Summary:

Run ApiDemos app (from Google's SDK)

Last Result: **Passed**

Build 2013-06-14

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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes  
passed: 93 test(s)  
failed: 2 test(s)  
failed: 095-switch-MAX\_INT  
failed: 300-package-override

**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 2013-06-14

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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes does not compile

**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 2013-06-14

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 2013-06-14

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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Failure [INSTALL\_FAILED\_MISSING\_SHARED\_LIBRARY]

**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 2013-06-14  
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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Failure [INSTALL\_FAILED\_MISSING\_SHARED\_LIBRARY]

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

Summary:

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

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

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 2013-06-14

Tester gt\_amsdk\_lead

**Test Case amsdkA-1558: Replica Island**

Summary:

Run Replica Island Game

Last Result: **Passed**

Build 2013-06-14

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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead
Testing notes	First boot: 265.5 sec Others: 52.7 sec

### Test Case amsdkA-593: Quadrant Benchmark

Summary:

Install and run aurorasoftworks Quadrant benchamrk

Last Result:	<b>Passed</b>
Build	2013-06-14
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 2013-06-14  
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

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:	<b>Passed</b>
Build	2013-06-14
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:	<b>Passed</b>
Build	2013-06-14
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: **Failed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes SIGTERM

LOG PATH

#### Test Case amsdkA-264: V8 Browser performance test

Summary:

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

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

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

## 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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

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

Summary:

Measure Android Debug bridge performance using ethernet connection

Last Result:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead
Testing notes	Mean-TX=3642.5 Mean-RX=5473.1Performance data was NOT compared

LOG PATH

## 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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

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 2013-06-14

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 2013-06-14

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 2013-06-14

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 2013-06-14

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 2013-06-14

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 2013-06-14

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

---- \*\*\* ----

## testreport AM335x-SK\_PG2.1\_JB\_4.2.2

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

## 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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

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 2013-06-14

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 file**

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 2013-06-14

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 file**

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 2013-06-14

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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

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

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

## testreport AM335x-SK\_PG2.1\_JB\_4.2.2

### 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 2013-06-14

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 measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-1519: Idle power performance with SCREEN\_BRIGHT\_WAKE\_LOCK

Summary:

Acquire SCREEN\_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-1520: Idle power performance with SCREEN\_DIM\_WAKE\_LOCK

Summary:

Acquire SCREEN\_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-1521: Idle power performance with PARTIAL\_WAKE\_LOCK

Summary:

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

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

**Test Case amsdkA-1522: Dhrystone power performance with PARTIAL\_WAKE\_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

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 measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-316: Idle power performance with SCREEN\_BRIGHT\_WAKE\_LOCK

Summary:

Acquire SCREEN\_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-317: Idle power performance with SCREEN\_DIM\_WAKE\_LOCK

Summary:

Acquire SCREEN\_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-318: Idle power performance with PARTIAL\_WAKE\_LOCK

Summary:

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

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

**Test Case amsdkA-319: Dhrystone power performance with PARTIAL\_WAKE\_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

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 measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

#### Test Case amsdkA-323: Idle power performance with SCREEN\_BRIGHT\_WAKE\_LOCK

Summary:

Acquire SCREEN\_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

#### Test Case amsdkA-324: Idle power performance with SCREEN\_DIM\_WAKE\_LOCK

Summary:

Acquire SCREEN\_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

#### Test Case amsdkA-325: Idle power performance with PARTIAL\_WAKE\_LOCK

Summary:

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

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

**Test Case amsdkA-326: Dhrystone power performance with PARTIAL\_WAKE\_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

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 measure power w/out running any other application

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-347: Idle power performance with SCREEN\_BRIGHT\_WAKE\_LOCK

Summary:

Acquire SCREEN\_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-348: Idle power performance with SCREEN\_DIM\_WAKE\_LOCK

Summary:

Acquire SCREEN\_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-349: Idle power performance with PARTIAL\_WAKE\_LOCK

Summary:

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

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

**Test Case amsdkA-350: Dhrystone power performance with PARTIAL\_WAKE\_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

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 measure power w/out running any other application

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-354: Idle power performance with SCREEN\_BRIGHT\_WAKE\_LOCK

Summary:

Acquire SCREEN\_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-355: Idle power performance with SCREEN\_DIM\_WAKE\_LOCK

Summary:

Acquire SCREEN\_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

### Test Case amsdkA-356: Idle power performance with PARTIAL\_WAKE\_LOCK

Summary:

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

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

**Test Case amsdkA-357: Dhrystone power performance with PARTIAL\_WAKE\_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

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 measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

#### **Test Case amsdkA-361: Idle power performance with SCREEN\_BRIGHT\_WAKE\_LOCK**

Summary:

Acquire SCREEN\_BRIGHT WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

#### **Test Case amsdkA-362: Idle power performance with SCREEN\_DIM\_WAKE\_LOCK**

Summary:

Acquire SCREEN\_DIM WakeLock and measure power w/out running any other application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

#### **Test Case amsdkA-363: Idle power performance with PARTIAL\_WAKE\_LOCK**

Summary:

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

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

**Test Case amsdkA-364: Dhrystone power performance with PARTIAL\_WAKE\_LOCK**

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running 3D graphics application

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

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

Summary:

Measure power while running video and audio decode and playback

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

## 3.7.5 Test Suite : Suspend mode

**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 2013-06-14

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 switch. 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 2013-06-14  
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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 4096 16.53 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 8192 21.82 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 16384 27.16 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 32768 32.06 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 65536 33.98 Performance data was NOT compared

LOG PATH

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

Summary:

## testreport AM335x-SK\_PG2.1\_JB\_4.2.2

WLAN Non-secure 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 131702 33.59 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:	<b>Failed</b>
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

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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 4096 14.43 Performance data was NOT compared

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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 18.22 Performance data was NOT compared

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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 16384 19.98 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 32768 20.18 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 65536 20.23 Performance data was NOT compared

LOG PATH

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

Summary:

## testreport AM335x-SK\_PG2.1\_JB\_4.2.2

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 131702 20.35 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 2013-06-14  
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-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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 4096 14.38 Performance data was NOT compared

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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 8192 18.17 Performance data was NOT compared

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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 16384 19.9 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 32768 20.1 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 65536 20.16 Performance data was NOT compared

LOG PATH

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

Summary:

## testreport AM335x-SK\_PG2.1\_JB\_4.2.2

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 131702 20.27 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 2013-06-14

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

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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Buffer Size Throughput 4096 13.78 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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Buffer Size Throughput 8192 17.46 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 16384 19.54 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 32768 19.87 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 65536 19.85 Performance data was NOT compared

LOG PATH

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

Summary:

## testreport AM335x-SK\_PG2.1\_JB\_4.2.2

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 131702 19.92 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 2013-06-14  
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

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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 4096 15.66 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 8192 20.21 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 16384 24.77 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 32768 28.71 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput 65536 29.88 Performance data was NOT compared

LOG PATH

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

Summary:

## testreport AM335x-SK\_PG2.1\_JB\_4.2.2

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 131702 29.78 Performance data was NOT compared

LOG PATH

## 3.9 Test Suite : Imbench

### Test Case amsdkA-1073: LMBench test

Summary:

LMBench test.

Last Result:	<b>Passed</b>
Build	2013-06-14
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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Buffer Size Throughput ["16384"] {""=>190.58} 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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Buffer Size Throughput ["32768"] {""=>188.32} 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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Buffer Size Throughput ["65536"] {""=>179.98} 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput ["131072"] {""=>">166.62} 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 2013-06-14  
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 2013-06-14  
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 2013-06-14

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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Buffer Size Throughput ["4096"] {""=>">143.97} 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"] {""=>">209.81} 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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput ["16384"] {"receive"=>440.45, "send"=>440.45}  
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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput ["32768"] {"receive"=>458.29, "send"=>458.29}  
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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput ["65536"] {"receive"=>462.1, "send"=>462.1}  
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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Buffer Size Throughput ["131072"] {"receive"=>461.43, "send"=>461.43}  
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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Buffer Size Throughput ["256"] {"receive"=>317.56, "send"=>317.56}  
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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Buffer Size Throughput ["512"] {"receive"=>297.94, "send"=>298.09}  
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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput ["1024"] {"receive"=>294.33, "send"=>294.38}  
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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput ["4096"] {"receive"=>406.07, "send"=>406.07}  
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 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Buffer Size Throughput ["8192"] {"receive"=>420.45, "send"=>420.45}  
Performance data was NOT compared

LOG PATH

## 3.11 Test Suite : Graphics

### Test Case amsdkA-1505: IMG's OGLLES2ChameleonMan FPS performance

Summary:

Measure FPS of IMG OGLLES2ChameleonMan 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

### Test Case amsdkA-1506: IMG's OGLLES2Coverflow FPS performance

Summary:

Measure FPS of IMG OGLLES2Coverflow 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

### Test Case amsdkA-1507: IMG's OGLLES2Shaders FPS performance

Summary:

Measure FPS of IMG OGLLES2Shaders 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

### Test Case amsdkA-1508: IMG's OGLLESVase FPS performance

Summary:

Measure FPS of IMG OGLLESVase demo

Last Result: **Passed**

## testreport AM335x-SK\_PG2.1\_JB\_4.2.2

Build	2013-06-14
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 : 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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

### **Test Case amsdkA-1530: bluetooth**

Summary:

This stress test case, stress the system by enabling and disabling bluetooth interface 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-1531: wifi\_open**

Summary:

This test case stress the system by enabling , configuring and checking connectivity and finally 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-1532: wifi\_wpa-psk**

Summary:

This test case stresses the system by enabling, configuring , checking connectivity and finally 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-1533: 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-1534: 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

## 4.2 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 2013-06-14

Tester gt\_amsdk\_lead

Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

### Test Case amsdkA-1068: 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 2013-06-14

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 2013-06-14

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 connectivi 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 system 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**

## testreport AM335x-SK\_PG2.1\_JB\_4.2.2

Build 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

## 4.3 Test Suite : media

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

Summary:

This test case stress the video play application.

Last Result:       **Passed**

Build               2013-06-14

Tester             gt\_amsdk\_lead

## 4.4 Test Suite : Browser

Browser Stress test

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

Last Result:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead
Testing notes	Web Browser Stress Test=400.0

LOG PATH

## 4.5 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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

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

Summary:

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

Last Result:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

## 4.6 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:	<b>Passed</b>
Build	2013-06-14
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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead
Testing notes	All streams played successfully

LOG PATH

### **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:	<b>Passed</b>
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

**Test Case amsdkA-765: 2-hr WLAN WEP 128 bits Stream Test**

Summary:

WLAN WEP 128 bits Stream Test

Last Result: **Passed**  
Build 2013-06-14  
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 2013-06-14  
Tester gt\_amsdk\_lead

**Test Case amsdkA-770: 2-hr WLAN WPA2-PSK Stream Test**

Summary:

WLAN WPA2-PSK Stream Test

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

## 4.7 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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead
Testing notes	File copied successfully

LOG PATH

## 4.8 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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

### 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:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

### 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:	<b>Failed</b>
Build	2013-06-14
Tester	gt_amsdk_lead
Testing notes	Graphics Stress Test=92.5

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:	<b>Failed</b>
Build	2013-06-14
Tester	gt_amsdk_lead
Testing notes	No such file or directory - /dev/ttyUSB1

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 2013-06-14  
Tester gt\_amsdk\_lead

### Test Case amsdkA-55: Release Notes

Summary:

Verify that a Release Notes are provided

Last Result: **Passed**  
Build 2013-06-14  
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 2013-06-14  
Tester gt\_amsdk\_lead

### Test Case amsdkA-57: CTS Report

Summary:

Verify that a CTS report is provided

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead

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

Summary:

Verify that a DevKit Test Report is provided

Last Result:	<b>Passed</b>
Build	2013-06-14
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:	<b>Passed</b>
Build	2013-06-14
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:	<b>Passed</b>
Build	2013-06-14
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:	<b>Passed</b>
Build	2013-06-14
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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:	<b>Passed</b>
Build	2013-06-14
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:	<b>Passed</b>
Build	2013-06-14
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:	<b>Passed</b>
Build	2013-06-14
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 2013-06-14  
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-86: OOB Demos

Summary:

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

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

## 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 2013-06-14  
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: **Failed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead  
Testing notes Transfer takes a long time > 5 min

### **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

## 7.3 Test Suite : WLAN

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

Summary:

Verify that the device can be configured as a soft 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

## 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 2013-06-14

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

## 7.5 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: **Failed**

Build 2013-06-14

Tester gt\_amsdk\_lead

Testing notes not able to record video

## 7.6 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

## 8 Test Suite : Sensors

This test area is to test Sensors.

## 8.1 Test Suite : Ambient Light Sensor

light sensor related test cases.

### **Test Case amsdkA-649: Android DevKit supports Ambient Light Sensor**

Summary:

Android DevKit supports Ambient Light Sensor

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

## 8.2 Test Suite : Accelometer

### Test Case amsdkA-609: Accelometer Functionality

Summary:

This test case is to verify that accelerometer is functioning.

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

## 9 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:	<b>Passed</b>
Build	2013-06-14
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:	<b>Passed</b>
Build	2013-06-14
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:	<b>Passed</b>
Build	2013-06-14
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14

Tester gt\_amsdk\_lead

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

Summary:

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

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead

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

Summary:

Multiple Home Screen (5 Screens)

Last Result: **Passed**  
Build 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
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 2013-06-14  
Tester gt\_amsdk\_lead

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

Summary:

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

Last Result: **Passed**  
Build 2013-06-14  
Tester gt\_amsdk\_lead

# 10 Test Suite : IO

IO related manual test cases.

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

Summary:

Android DevKit supports Touchscreen

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

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

Summary:

Android DevKit supports Mouse

Last Result: **Passed**

Build 2013-06-14

Tester gt\_amsdk\_lead

# 11 Test Suite : Processor Speed

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

Summary:

Android DevKit supports Cortex A8 ARM up to Maximum Frequency.

Last Result:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead

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

Summary:

Android DevKit supports SGX up to Maximum Frequency

Last Result:	<b>Passed</b>
Build	2013-06-14
Tester	gt_amsdk_lead