

testreport AM335x-EVM_JB_4.2.2_PG2.1

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Audio-In

Decode

AAC LC/LTP

HE-AACv1 (AAC+)

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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Kraken test

V8 Browser performance test

RowboPerf

Dhrystone

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Linpack

adb

adb USB Performance

adb ethernet Performance

Storage

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 fil

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

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

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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

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Idle power performance with FULL WAKE LOCK

Idle power performance with SCREEN BRIGHT WAKE LOCK

Idle power performance with SCREEN DIM WAKE LOCK

Idle power performance with PARTIAL WAKE LOCK

Dhrystone power performance with PARTIAL WAKE LOCK

3D Graphics power performance

Audio + Video power performance

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

DVFS-Ondemand(default)

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 disabled and enable off mode disabled

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

WPA-PSK

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

power long term

Long term Suspend Resume stress test

Long term graphic suspend resume

Long term ethernet suspend resume

Long term video suspend resume

Long term mmc suspend resume

Long term usb suspend resume

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

bluetooth

wifi open

wifi wpa-psk

wifi open and bluetooth

wifi wpa-psk and bluetooth

power

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ethernet suspend resume

wlan suspend resume

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Graphics and Video Stress Test

Graphics and Audio and video Stress Test

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5-min Network Stream Test

2-hr WLAN No Security Stream Test

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graphics long term

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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[WLAN](#)

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[Media/Picture Transfer Protocol \(MTP, PTP\)](#)

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USB 3G connectivity

Audio

Line-out

Graphics

3DAnimation

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

Android DevKit should contain Sources for Linux Kernel

The DevKit installer should work on a ubuntu Linux host machine

Links to support infrastructure on e2e and rowboat to be provided

Email will be part of Android DevKit core applications

Links to raise defects against this release should be provided

Customers should be notified about devkit release through TI news, infolink, android porting mailing

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

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Keypad contains HOME, BACK, POWER and MENU Keys.

Gallery will be part of Android DevKit core applications

Launcher will be part of Android DevKit core applications

Global Search will be part of Android DevKit core applications

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

Control/informative

Hardware Volume Controls

IO

Android DevKit supports Touchscreen

Android DevKit supports Mouse

Processor Speed

Android DevKit supports Cortex A8 ARM up to Maximum Frequency

Android DevKit supports SGX up to Maximum Frequency

1 Test Suite : Compliance

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

Summary:

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

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

Test Case amsdkA-1072: Google's CTS Verifier

Summary:

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

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

2 Test Suite : Compatibility

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

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

2.1 Test Suite : Development Tools

Test Case amsdkA-14: ADB USB

Summary:

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

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

Test Case amsdkA-15: ADB Ethernet

Summary:

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

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

Test Case amsdkA-16: DDMS

Summary:

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

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

2.2 Test Suite : Multimedia

2.2.1 Test Suite : Audio

2.2.1.1 Test Suite : Encode

Test Case amsdkA-1029: Audio-In

Summary:

Verify Audio in functionality on the board.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

2.2.1.2 Test Suite : Decode

Test Case amsdkA-28: AAC LC/LTP

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

Test Case amsdkA-31: AMR-NB

Summary:

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

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

LOG PATH

Test Case amsdkA-32: AMR WB

Summary:

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

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

LOG PATH

Test Case amsdkA-33: MP3

Summary:

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

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

LOG PATH

Test Case amsdkA-34: MIDI

Summary:

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

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

LOG PATH

Test Case amsdkA-35: Ogg Vorbis

Summary:

Ogg Vorbis files in a Ogg (.ogg) container

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

LOG PATH

Test Case amsdkA-36: PCM

Summary:

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

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

LOG PATH

2.2.2 Test Suite : Image

2.2.2.1 Test Suite : Decode

Test Case amsdkA-39: JPEG

Summary:

Display JPEG files using the Gallery app.

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

Test Case amsdkA-40: PNG

Summary:

Display PNG image with Galllery app.

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

Test Case amsdkA-41: GIF

Summary:

Display GIF image with Gallery app.

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

Test Case amsdkA-42: BMP

Summary:

Display BMP Image with Gallery app.

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

2.2.3 Test Suite : Video

2.2.3.1 Test Suite : Decode

Test Case amsdkA-44: H.263

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-45: H.264

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-46: MPEG4 SP

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-772: MPEG4_352x288_15mbps_aac

Summary:

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

Last Result: **Passed**

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

LOG PATH

Test Case amsdkA-774: H.264_704x576_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

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

LOG PATH

Test Case amsdkA-775: H.264_640x360_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

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

LOG PATH

Test Case amsdkA-776: H.264_352x288_4mbps_aac

Summary:

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

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

LOG PATH

Test Case amsdkA-777: H.263_352x288_4mbps_aac

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-779: MPEG4_176x144_15mbps_aac

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-780: MPEG4_640x360_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-781: MPEG4_704x576_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-782: MPEG4_720x480_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-784: H.264_720x480_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-787: MPEG4_BigBuckBunny

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

2.3 Test Suite : Reference Software

Test Case amsdkA-1536: SDK's Calculator App

Summary:

Run Calculator app (from Google's SDK)

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-1537: SDK's LunarLander App

Summary:

Run LunarLander app (from Google's SDK)

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-1539: SDK's ApiDemos App

Summary:

Run ApiDemos app (from Google's SDK)

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-1540: Dalvik's Unit Tests

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-1542: Apps for android Amazed App

Summary:

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

Last Result: **Passed**

Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1543: Apps for android AndroidGlobalTime App

Summary:
Run AndroidGlobalTime app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Failed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1544: Apps for android AnyCut App

Summary:
Run AnyCut app (from <http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1545: Apps for android Clickin2DaBeat App

Summary:
Run Clickin2DaBeat app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1546: Apps for android DivideAndConquer App

Summary:
Run DivideAndConquer app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1547: Apps for android HeightMapProfiler App

Summary:

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

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

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

Summary:

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

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

Test Case amsdkA-1549: Apps for android Panoramio App

Summary:

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

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

Test Case amsdkA-1550: Apps for android Photostream App

Summary:

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

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

Test Case amsdkA-1551: Apps for android Radar App

Summary:

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

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

Test Case amsdkA-1552: Apps for android RingsExtended App

Summary:

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

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

Test Case amsdkA-1553: Apps for android Samples App

Summary:

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

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

Test Case amsdkA-1554: Apps for android SpriteMethodTest App

Summary:

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

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

Test Case amsdkA-1555: Apps for android Translate App

Summary:

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

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

Test Case amsdkA-1556: Apps for android WebViewDemo App

Summary:

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

Last Result: **Passed**

Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1557: Apps for android WikiNotes App

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-1558: Replica Island

Summary:

Run Replica Island Game

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

3 Test Suite : Performance

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

1. System
2. Graphics
3. Browser

3.1 Test Suite : System

Test Case amsdkA-117: Boot time

Summary:

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

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	first time 118 seconds

second time 47 seconds.

Test Case amsdkA-593: Quadrant Benchmark

Summary:

Install and run aurorasoftworks Quadrant benchmark

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

3.2 Test Suite : 0xBench

Test Case amsdkA-89: 0xBench Math Linpack test

Summary:

0xBench Math Linpack test.

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

LOG PATH

Test Case amsdkA-90: 0xBench Math Scimark2 test

Summary:

0xBench Math Scimark2 test.

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

LOG PATH

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

Summary:

0xBench 2D Draw Canvas test.

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

LOG PATH

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

Summary:

0xBench 2D Draw Circle test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes 2DDrawCircle performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 2D Draw Circle2 test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes 2DDrawCircle2 performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 2D Draw Rect test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes 2DDrawRect performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 2D Draw Arc test.

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

LOG PATH

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

Summary:

0xBench 2D Draw Image test.

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

LOG PATH

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

Summary:

0xBench2D Draw Text test.

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

LOG PATH

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

Summary:

0xBench 3D OpenGL Cube test.

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

3DOpenGLCube performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

0xBench 3D OpenGL Blending test.

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

LOG PATH

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

Summary:

0xBench 3D OpenGL Fog test.

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

LOG PATH

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

Summary:

0xBench 3D OpenGL Flying Teapot test.

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

LOG PATH

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

Summary:

0xBench VM Garbage Collection test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes VMGC performance data collected successfullyPerformance data was NOT compared

LOG PATH

3.3 Test Suite : Browser

Measure browser performance using publicly available tools.

Test Case amsdkA-262: Acid3 tests

Summary:

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

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

LOG PATH

Test Case amsdkA-115: Sunspider test

Summary:

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

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

LOG PATH

Test Case amsdkA-263: Kraken test

Summary:

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

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

LOG PATH

Test Case amsdkA-264: V8 Browser performance test

Summary:

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

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

LOG PATH

3.4 Test Suite : RowboPerf

Various Performance metrics

Test Case amsdkA-118: Dhrystone

Summary:

Measure Dhrystone bechmark

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-119: Whetstone

Summary:

Measure Whetstone metric

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-120: Linpack

Summary:

Measure Linpack metrics

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

3.5 Test Suite : adb

Android Debug Bridge performance.

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

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

Test Case amsdkA-121: adb USB Performance

Summary:

Measure Android Debug bridge performance using USB connection

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

Test Case amsdkA-122: adb ethernet Performance

Summary:

Measure Android Debug bridge performance using ethernet connection

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

3.6 Test Suite : Storage

Read and Write performance tests

3.6.1 Test Suite : USB

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

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (101 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (102 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (102 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

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

bytes

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

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

---- *** ----

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

3.6.2 Test Suite : MMC/SD

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-279: MMC/SD vfat partition write/read test with a block size of 16384 bytes and a 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 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-280: MMC/SD vfat partition write/read test with a block size of 65536 bytes and a 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 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (106 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (107 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

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

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

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

---- *** ----

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

3.7 Test Suite : Power

This Test Suite Measure power consumption under different scenarios.

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

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

See test cases for more details.

3.7.1 Test Suite : DVFS-Conservative

Test Case amsdkA-1518: Idle power performance with FULL_WAKE_LOCK

Summary:

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

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

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: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-1520: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-1521: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

VDDSHV1_Power out of expected range: max-> 0.4207925304379915 > 0.6266402702702702 + 0.0028768810140984047 || min-> 0.4060220721231529 < 0.6266402702702702 - 0.0028768810140984047, VDDSHV2_Power out of expected range: max-> 32.790697003365324 > 3.9708677027027024 + 4.002412499711215 || min-> 2.5624201077969326 < 3.9708677027027024 - 4.002412499711215, VDDSHV3_Power out of expected range: max-> 0.17711275047475708 > 0.17747567567567568 + 0.002704051015030906 || min-> 0.164882142180172 < 0.17747567567567568 - 0.002704051015030906, VDDSHV4_Power out of expected range: max-> 0.08183619564851705 > 0.08308172972972973 + 0.002675863564125383 || min-> 0.06547868505112338 < 0.08308172972972973 - 0.002675863564125383, VDDSHV5_Power out of expected range: max-> 14.256895088781802 > 57.757864162162164 + 0.02721505571304564 || min-> 14.187391335595187 < 57.757864162162164 - 0.02721505571304564, VDDSHV6_Power out of expected range: max-> 62.471980399476124 > 39.99682378378378 + 0.41912401145010697 || min-> 38.180694601454995 < 39.99682378378378 - 0.41912401145010697, Total_Power out of expected range: max-> 662.582453159529 > 459.74132251351347 + 4.587414511605308 || min-> 537.0951426528577 < 459.74132251351347 - 4.587414511605308

LOG PATH

Test Case amsdkA-1522: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

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

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

LOG PATH

Test Case amsdkA-1523: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

0.9015467948717949 - 0.00035129831954241265, VDDSHV1_Power out of expected range: max-> 0.42149319074187935 > 0.6249434615384616 + 0.00292505210342445 || min-> 0.407124984677734 < 0.6249434615384616 - 0.00292505210342445, VDDSHV2_Power out of expected range: max-> 32.66337935364743 > 2.8896706153846154 + 3.4947469136914524 || min-> 2.0463026164498257 < 2.8896706153846154 - 3.4947469136914524, VDDSHV3_Power out of expected range: max-> 0.1740716138975655 > 0.17677110256410256 + 0.002345850943069087 || min-> 0.16404693867137826 < 0.17677110256410256 - 0.002345850943069087, VDDSHV4_Power out of expected range: max-> 0.07777773612175636 > 0.08458089743589745 + 0.0033787251122189992 || min-> 0.06627571470550656 < 0.08458089743589745 - 0.0033787251122189992, VDDSHV5_Power out of expected range: max-> 14.282222956172062 > 57.79075720512821 + 0.006638521857486368 || min-> 14.194537374177049 < 57.79075720512821 - 0.006638521857486368, VDDSHV6_Power out of expected range: max-> 62.862287308366476 > 38.88285564102564 + 0.8007512881376248 || min-> 32.33545699172798 < 38.88285564102564 - 0.8007512881376248, Total_Power out of expected range: max-> 1006.3578973627804 > 458.34928397435897 + 5.105171808815759 || min-> 533.7522581680051 < 458.34928397435897 - 5.105171808815759

LOG PATH

Test Case amsdkA-1524: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

3.7.2 Test Suite : DVFS-Performance

Test Case amsdkA-315: Idle power performance with FULL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-316: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

Test Case amsdkA-317: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected
range: max-> 295.5573395878707 > 204.25007397819314 +
11.841400485260506 || min-> 194.58498972765037 < 204.25007397819314 -
11.841400485260506, VDD_MPU_Power out of expected range: max->
595.1956798291277 > 203.60584736760126 + 9.920838570034684 || min->
320.0966469030358 < 203.60584736760126 - 9.920838570034684,
VDDS_RTC_Power out of expected range: max-> 0.7732248599495812 >

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

LOG PATH

Test Case amsdkA-318: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-319: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

1.1949971831683168 - 0.030537792294060454,
 VDDA_1P8V_USB0_1_Power out of expected range: max->
 32.95631525088096 > 35.36990566336633 + 1.5717039089233695 || min->
 32.697741694145854 < 35.36990566336633 - 1.5717039089233695,
 VDDS_A3P3V_USB0_1_Power out of expected range: max->
 10.421740584426352 > 9.078610985148515 + 1.2169816491926853 || min->
 10.40092127103442 < 9.078610985148515 - 1.2169816491926853,
 VDDSHV2_Power out of expected range: max-> 32.7552938391199 >
 8.960116113861387 + 7.5974152712854215 || min-> 1.3071983409567305 <
 8.960116113861387 - 7.5974152712854215, VDDSHV3_Power out of
 expected range: max-> 0.16150058211808144 > 0.16683901485148517 +
 0.005906447663340106 || min-> 0.14514299025896948 <
 0.16683901485148517 - 0.005906447663340106, VDDSHV4_Power out of
 expected range: max-> 0.08459801300692371 > 0.0774982772272278 +
 0.004207573957677852 || min-> 0.07058505932948325 <
 0.0774982772272278 - 0.004207573957677852, VDDSHV6_Power out of
 expected range: max-> 62.69456796213925 > 31.250241975247526 +
 4.430007245186022 || min-> 29.76066308835226 < 31.250241975247526 -
 4.430007245186022, Total_Power out of expected range: max->
 1022.7220594408088 > 608.9404764374999 + 11.872141723309454 || min->
 786.1167377379165 < 608.9404764374999 - 11.872141723309454

LOG PATH

Test Case amsdkA-320: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected
 range: max-> 291.2750789482317 > 203.97437269306928 +
 12.772066841258269 || min-> 194.60442286960964 < 203.97437269306928 -
 12.772066841258269, VDD_MPU_Power out of expected range: max->
 543.1488144812288 > 204.50947568316832 + 9.315786293798912 || min->
 320.1176721373089 < 204.50947568316832 - 9.315786293798912,
 VDDS_RTC_Power out of expected range: max-> 0.7729458785042153 >
 0.8009174191419142 + 0.02301979983211428 || min-> 0.7715128382953221
 < 0.8009174191419142 - 0.02301979983211428, VDDS_DDR_Power out of
 expected range: max-> 159.72799666359768 > 98.83453464356435 +
 43.02079409030291 || min-> 144.1060280353621 < 98.83453464356435 -
 43.02079409030291, VDDS_Power out of expected range: max->
 2.7869342114500784 > 1.9133016138613859 + 0.5832840320056356 ||
 min-> 1.6239547495608648 < 1.9133016138613859 - 0.5832840320056356,
 VDDS_SRAM_CORE_BG_Power out of expected range: max->
 2.74338590835603 > 2.390569099009901 + 0.11829278143648052 || min->

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

Test Case amsdkA-321: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

3.7.3 Test Suite : DVFS-Powersave

Test Case amsdkA-322: Idle power performance with FULL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-323: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-324: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-325: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-326: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

32.95555767605831 > 35.28031791037736 + 1.6006060511757374 || min->
 32.808859794684686 < 35.28031791037736 - 1.6006060511757374,
 VDDSD_A3P3V_USB0_1_Power out of expected range: max->
 10.45567456541843 > 9.174662514150944 + 1.2585915476852458 || min->
 10.449031444116589 < 9.174662514150944 - 1.2585915476852458,
 VDDSHV2_Power out of expected range: max-> 32.885650900520595 >
 8.998969570754717 + 7.89901054152222 || min-> 2.3435175364884357 <
 8.998969570754717 - 7.89901054152222, VDDSHV3_Power out of expected
 range: max-> 0.17594001073109908 > 0.16806042924528303 +
 0.006792360442702998 || min-> 0.1662976756216373 <
 0.16806042924528303 - 0.006792360442702998, VDDSHV4_Power out of
 expected range: max-> 0.0822184324680818 > 0.07792449056603773 +
 0.004130019132290718 || min-> 0.06585676147357954 <
 0.07792449056603773 - 0.004130019132290718, VDDSHV6_Power out of
 expected range: max-> 62.32725558649989 > 30.742379405660376 +
 3.6360821041849487 || min-> 37.65469539686279 < 30.742379405660376 -
 3.6360821041849487, Total_Power out of expected range: max->
 655.5112683285917 > 449.1857730128618 + 15.19656923714076 || min->
 534.8686536636003 < 449.1857730128618 - 15.19656923714076

LOG PATH

Test Case amsdkA-327: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected
 range: max-> 288.7985481078085 > 168.90522886363635 +
 56.06904160831835 || min-> 206.95690193070226 < 168.90522886363635 -
 56.06904160831835, VDDSD_RTC_Power out of expected range: max->
 0.7726175204043041 > 0.8047531783216784 + 0.01909680662299627 ||
 min-> 0.7711119844591503 < 0.8047531783216784 - 0.01909680662299627,
 VDDSD_DDR_Power out of expected range: max-> 165.03786065972682 >
 85.22233474475524 + 34.5546328208171 || min-> 155.1194879357831 <
 85.22233474475524 - 34.5546328208171, VDDSD_SRAM_CORE_BG_Power
 out of expected range: max-> 2.5084563065955816 > 2.2115724615384615 +
 0.07157174651580434 || min-> 2.2581113131597648 < 2.2115724615384615
 - 0.07157174651580434, VDDSD_SRAM_MPU_BB_Power out of expected
 range: max-> 4.134157062200611 > 1.8689807517482517 +
 0.39276429065556556 || min-> 2.7203720334882115 < 1.8689807517482517
 - 0.39276429065556556, VDDSD_PLL_DDR_Power out of expected range:
 max-> 1.9943178819655476 > 1.874882902097902 +
 0.056460281906419545 || min-> 1.9927492972288867 < 1.874882902097902
 - 0.056460281906419545, VDDSD_PLL_CORE_LCD_Power out of expected

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

LOG PATH

Test Case amsdkA-328: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

3.7.4 Test Suite : DVFS-userspace

3.7.4.1 Test Suite : 800KHz

Test Case amsdkA-346: Idle power performance with FULL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected range: max-> 286.93548481670035 > 234.65384379448622 + 13.430612612514128 || min-> 208.8405479283237 < 234.65384379448622 - 13.430612612514128, VDD_MPU_Power out of expected range: max-> 267.7837053250359 > 246.7717558972431 + 16.782664354989638 || min-> 219.9924750771259 < 246.7717558972431 - 16.782664354989638, VDDS_DDR_Power out of expected range: max-> 163.4190074934489 > 161.09104023057645 + 1.0379507931344718 || min-> 158.93485418951607 < 161.09104023057645 - 1.0379507931344718, VDDS_Power out of expected range: max-> 2.549824437999222 > 2.426876994987469 + 0.2564564301698616 || min-> 1.6375437944078401 < 2.426876994987469 - 0.2564564301698616, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.647811289325938 > 2.4953615664160402 + 0.07574410583932828 || min-> 2.40384048067257 < 2.4953615664160402 - 0.07574410583932828, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.8033197705177524 > 3.6052844837092732 + 0.14514168972707175 || min-> 3.453752866007999 < 3.6052844837092732 - 0.14514168972707175, VDDS_PLL_DDR_Power out of expected range: max-> 1.9961169579802849 > 1.9935155839599 + 0.00150458854176739 || min-> 1.9940630102721593 < 1.9935155839599 - 0.00150458854176739, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.727275710434654 > 13.71834530576441 + 0.007165602648755474 || min-> 13.718853644198909 < 13.71834530576441 - 0.007165602648755474, VDDS_PLL_MPU_Power out of expected range: max-> 4.525016920138378 > 4.490288245614035 + 0.01933862804996303 || min-> 4.5219202943777175 < 4.490288245614035 - 0.01933862804996303, VDDS_OSC_Power out of expected range: max-> 1.2330965498189737 > 1.23058376 + 0.0006739183345037634 || min-> 1.22957932650385 < 1.23058376 - 0.0006739183345037634, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.979774609981405 > 32.85036267 + 0.042250329872522904 || min-> 32.71396815341533 < 32.85036267 - 0.042250329872522904, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.428151578634937 > 10.424054450000002 + 0.0022925957178368686 || min-> 10.415470443842443 < 10.424054450000002 - 0.0022925957178368686, VDDA_ADC_Power out of expected range: max-> 0.7974592532696367 > 0.79585668 + 0.00047662468308938967 || min-> 0.7949995658817419 < 0.79585668 -

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

LOG PATH

Test Case amsdkA-347: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

Test Case amsdkA-348: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected range: max-> 269.6535257266064 > 236.03030796000002 + 13.525999480409634 || min-> 208.87474662347157 < 236.03030796000002 - 13.525999480409634, VDD_MPU_Power out of expected range: max-> 267.1640231359258 > 244.48662998666666 + 16.96563436659377 || min-> 220.07041826651022 < 244.48662998666666 - 16.96563436659377, VDDS_DDR_Power out of expected range: max-> 163.21022784979772 > 160.98955601999998 + 1.118816510678958 || min-> 159.74454502288972 < 160.98955601999998 - 1.118816510678958, VDDS_Power out of expected range: max-> 2.5206470362865443 > 2.4274883133333334 + 0.26291843915731433 || min-> 1.6261786737699246 < 2.4274883133333334 - 0.26291843915731433, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.684369273875185 > 2.50134901 + 0.08377869501139822 || min-> 2.4342194028312765 < 2.50134901 - 0.08377869501139822, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 4.285418080865912 > 3.6141138866666666 + 0.12714957432356652 || min-> 3.4953276637025614 < 3.6141138866666666 - 0.12714957432356652, VDDS_PLL_DDR_Power out of expected range: max-> 1.996078132223111 > 1.9943761433333336 + 0.0003821732335494559 || min-> 1.9946516507466003 < 1.9943761433333336 - 0.0003821732335494559, VDDS_PLL_CORE_LCD_Power out of expected range: max-> 13.728854340211713 > 13.722029306666666 + 0.002580538383314167 || min-> 13.720141370147942 < 13.722029306666666 - 0.002580538383314167, VDDS_PLL_MPU_Power out of expected range: max-> 4.524898672438401 > 4.4950503899999999 + 0.020213112755642238 || min-> 4.522928752992716 < 4.4950503899999999 - 0.020213112755642238, VDDS_OSC_Power out of expected range: max-> 1.2314439641935009 > 1.23001278 + 0.000586925452281716 || min-> 1.2282474220986357 < 1.23001278 - 0.000586925452281716, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.995176839805126 > 32.84695623 + 0.03182741439526202 || min-> 32.737494725289814 < 32.84695623 - 0.03182741439526202, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 10.42502445685256 > 10.422054390000001 + 0.002160686785744049 || min-> 10.412473250808052 < 10.422054390000001 - 0.002160686785744049, VDDA_ADC_Power out of expected range: max-> 0.7970842697366401 > 0.79576989 + 0.0004629389948800395 || min-> 0.7945008712747366 < 0.79576989 - 0.0004629389948800395, VDDSHV1_Power out of expected range: max-> 0.41305293994086756 > 0.40611025 + 0.0031662431834052224 || min-> 0.394807982538332 < 0.40611025 - 0.0031662431834052224, VDDSHV2_Power out of expected range: max-> 32.84014171804867 > 31.014779880000003 + 6.622721046956853 || min-> 2.269865915747184 < 31.014779880000003 - 6.622721046956853, VDDSHV3_Power out of expected range: max-> 0.1805312096586209 > 0.17256127 + 0.0028494365891983298 || min-> 0.1681362182503697 < 0.17256127 - 0.0028494365891983298, VDDSHV4_Power out of expected range: max-> 0.08463094895804021 > 0.07488754 + 0.0029638142140412643 || min-> 0.06943081354208647 < 0.07488754 - 0.0029638142140412643, VDDSHV5_Power out of expected

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

LOG PATH

Test Case amsdkA-349: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-350: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected range: max-> 279.6378807120452 > 236.56245066 + 14.405171156169574 || min-> 209.14566720030234 < 236.56245066 - 14.405171156169574, VDD_MPU_Power out of expected range: max-> 249.63111152564298 > 244.32841505666667 + 16.789220882061752 || min-> 220.13458759937373 < 244.32841505666667 - 16.789220882061752, VDDS_RTC_Power out of expected range: max-> 0.7750992121986453 > 0.77223186 + 0.0012448157136420548 || min-> 0.7734661094153018 < 0.77223186 - 0.0012448157136420548, VDDS_DDR_Power out of expected range: max->

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163.21736225753418 > 160.92944373999998 + 1.0373509148687539 ||
min-> 159.08516013683698 < 160.92944373999998 - 1.0373509148687539,
VDDS_Power out of expected range: max-> 2.521387336095427 >
2.4282882766666667 + 0.26283385281170085 || min-> 1.6270832667321458
< 2.4282882766666667 - 0.26283385281170085,
VDDS_SRAM_CORE_BG_Power out of expected range: max->
2.722565429613831 > 2.5017720999999997 + 0.08907206316449197 ||
min-> 2.4738863554801473 < 2.5017720999999997 - 0.08907206316449197,
VDDS_SRAM_MPU_BB_Power out of expected range: max->
4.330199400745289 > 3.6104319366666666 + 0.12725470481298967 || min->
3.54739446463288 < 3.6104319366666666 - 0.12725470481298967,
VDDS_PLL_DDR_Power out of expected range: max->
1.9969939861252253 > 1.9944019433333335 + 0.0005348349131975349 ||
min-> 1.9954031200360087 < 1.9944019433333335 -
0.0005348349131975349, VDDS_PLL_CORE_LCD_Power out of expected
range: max-> 13.730831925015167 > 13.721650243333334 +
0.0029156991029543047 || min-> 13.726047560766268 <
13.721650243333334 - 0.0029156991029543047, VDDS_PLL_MPU_Power
out of expected range: max-> 4.526003080838725 > 4.494902823333334 +
0.02053682857180207 || min-> 4.523737791120692 < 4.494902823333334 -
0.02053682857180207, VDDS_OSC_Power out of expected range: max->
1.2303992583814767 > 1.22986551 + 0.0006091162996314472 || min->
1.227206966614706 < 1.22986551 - 0.0006091162996314472,
VDDA_1P8V_USB0_1_Power out of expected range: max->
32.97717525024629 > 32.82339961 + 0.03752039514946657 || min->
32.712462881950955 < 32.82339961 - 0.03752039514946657,
VDDS_A3P3V_USB0_1_Power out of expected range: max->
10.42345839740002 > 10.42144849 + 0.002185876778267878 || min->
10.408696640795714 < 10.42144849 - 0.002185876778267878,
VDDA_ADC_Power out of expected range: max-> 0.7968701657010774 >
0.79591277 + 0.0005707968265365407 || min-> 0.7941037332328559 <
0.79591277 - 0.0005707968265365407, VDDSHV1_Power out of expected
range: max-> 0.40963922401800656 > 0.40520319 +
0.0026958280195558564 || min-> 0.39142964882456754 < 0.40520319 -
0.0026958280195558564, VDDSHV2_Power out of expected range: max->
32.85604070715313 > 30.97926903 + 6.612000691036368 || min->
2.354817697125413 < 30.97926903 - 6.612000691036368,
VDDSHV3_Power out of expected range: max-> 0.1812853377429851 >
0.17309323 + 0.0029752732099485742 || min-> 0.16831586449932764 <
0.17309323 - 0.0029752732099485742, VDDSHV4_Power out of expected
range: max-> 0.08799135545183503 > 0.07526174000000001 +
0.0028833363412840416 || min-> 0.06730873185538006 <
0.07526174000000001 - 0.0028833363412840416, VDDSHV5_Power out of
expected range: max-> 14.264975982596482 > 14.22750654 +
0.018276337221975646 || min-> 14.233243591834105 < 14.22750654 -
0.018276337221975646, VDDSHV6_Power out of expected range: max->
62.73999542127734 > 61.529136179999995 + 4.845564901553463 || min->
37.60404068184277 < 61.529136179999995 - 4.845564901553463,
Total_Power out of expected range: max-> 863.2131111982582 >
722.2306874 + 76.63836780291703 || min-> 718.8240859757549 <

722.2306874 - 76.63836780291703

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

Summary:

Measure power while running 3D graphics application

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

Test Case amsdkA-352: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

3.7.4.2 Test Suite : 600KHz

Test Case amsdkA-353: Idle power performance with FULL_WAKE_LOCK

Summary:

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

Last Result: **Failed**
Build: 2013-6-14
Tester: gt_amsdk_lead
Testing notes: Power Performance data collected, VDD_CORE_Power out of expected range: max-> 209.60258029570815 > 166.19756320857144 + 36.298646760220315 || min-> 208.34069833016196 < 166.19756320857144 - 36.298646760220315, VDD_MPU_Power out of expected range: max-> 162.0145486307784 > 173.90013246571428 + 35.785636017887875 || min-> 124.36060744251253 < 173.90013246571428 - 35.785636017887875, VDDS_RTC_Power out of expected range: max-> 0.7744021703416472 > 0.8044661714285714 + 0.02943375153016741 || min-> 0.7730069270636366 < 0.8044661714285714 - 0.02943375153016741, VDDS_Power out of expected range: max-> 2.5157678972073088 > 1.872473157142857 + 0.5491787422108649 || min-> 1.635034340565897 < 1.872473157142857 - 0.5491787422108649, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.5516722510642054 > 2.3018501085714287 + 0.08651251933179058 || min-> 2.422256297567375 < 2.3018501085714287 - 0.08651251933179058, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.402948358254085 > 2.8552674057142857 + 0.1580477572175678 || min-> 2.94470050914616 < 2.8552674057142857 - 0.1580477572175678, VDDA_1P8V_USB0_1_Power out of expected range: max-> 32.92576131600234 > 34.550600949999996 + 1.753088156448698 || min-> 32.781672093671716 < 34.550600949999996 - 1.753088156448698, VDDSHV2_Power out of expected range: max-> 32.73165552829165 > 6.555802334999999 + 7.342207056239426 || min-> 2.477901951081538 < 6.555802334999999 - 7.342207056239426, VDDSHV3_Power out of expected range: max-> 0.1806679837478254 > 0.16764746 + 0.007050724724744363 || min-> 0.16578489101316743 < 0.16764746 - 0.007050724724744363, VDDSHV6_Power out of expected range: max-> 62.62751026037708 > 33.959376975 + 5.600984301941289 || min-> 37.90074664060423 < 33.959376975 - 5.600984301941289, Total_Power out of expected range: max-> 716.7780728474685 > 550.5076698166666 + 33.0848576020889 || min-> 619.3519568700431 < 550.5076698166666 - 33.0848576020889

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: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected range: max-> 212.45544602736607 > 172.53554897986578 + 34.73977414891184 || min-> 208.43855623464532 < 172.53554897986578 - 34.73977414891184, VDD_MPU_Power out of expected range: max-> 203.62507831999866 > 165.41675710067113 + 35.366938957132874 || min-> 124.43095052895295 < 165.41675710067113 - 35.366938957132874, VDDS_RTC_Power out of expected range: max-> 0.7740657174054426 > 0.8089095536912752 + 0.03492712548939085 || min-> 0.7732591225799782 < 0.8089095536912752 - 0.03492712548939085, VDDS_DDR_Power out of expected range: max-> 161.97849436999653 > 112.31616962751677 + 47.32822789703412 || min-> 158.37451673215782 < 112.31616962751677 - 47.32822789703412, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 2.5588397528558864 > 2.2958330939597316 + 0.08428626055656825 || min-> 2.429008328065694 < 2.2958330939597316 - 0.08428626055656825, VDDS_SRAM_MPU_BB_Power out of expected range: max-> 3.565303127821241 > 2.8576760268456374 + 0.15909016593351621 || min-> 2.9544191734651077 < 2.8576760268456374 - 0.15909016593351621, VDDS_PLL_DDR_Power out of expected range: max-> 1.9965400968013167 > 1.9219016375838924 + 0.07312027002288105 || min-> 1.9951877701004677 < 1.9219016375838924 - 0.07312027002288105, VDDSHV2_Power out of expected range: max-> 31.92384967775302 > 9.523181328282828 + 8.032092380563576 || min-> 2.542340621758977 < 9.523181328282828 - 8.032092380563576, VDDSHV3_Power out of expected range: max-> 0.17904469473407134 > 0.16742986363636364 + 0.0075258171609928655 || min-> 0.16869941806575198 < 0.16742986363636364 - 0.0075258171609928655, VDDSHV4_Power out of expected range: max-> 1.4926629821936166 > 0.0759322222222222 + 0.005696169530563966 || min-> 0.07114429879587598 < 0.0759322222222222 - 0.005696169530563966, VDDSHV6_Power out of expected range: max-> 61.72930914211516 > 34.732617272727275 + 4.949667368445939 || min-> 38.06787439119735 < 34.732617272727275 - 4.949667368445939, Total_Power out of expected range: max-> 760.4188074870002 > 565.4975942494929 + 29.577530674487328 || min-> 619.7522774127647 < 565.4975942494929 - 29.577530674487328

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: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes

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

LOG PATH

Test Case amsdkA-358: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected range: max-> 294.34467795650255 > 174.56720421305843 + 38.708984907266206 || min-> 208.43713684980753 < 174.56720421305843 - 38.708984907266206, VDD_MPU_Power out of expected range: max-> 187.1392302144074 > 167.4661866563574 + 35.51456086886522 || min->

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

LOG PATH

Test Case amsdkA-359: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected
range: max-> 209.79693989036596 > 171.2774251098485 +
36.766845338926174 || min-> 208.45185131103983 < 171.2774251098485 -
36.766845338926174, VDD_MPU_Power out of expected range: max->
179.13673994309994 > 167.0724600909091 + 37.234282736713126 || min->
124.63132523176763 < 167.0724600909091 - 37.234282736713126,
VDDS_Power out of expected range: max-> 2.5188510202698433 >

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

LOG PATH

3.7.4.3 Test Suite : 300KHz

Test Case amsdkA-360: Idle power performance with FULL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-361: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-362: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

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

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

LOG PATH

Test Case amsdkA-363: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

Test Case amsdkA-364: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-365: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

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

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

LOG PATH

Test Case amsdkA-366: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

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

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32.94043765318551 > 32.86467427 + 0.02518129817386218 || min->
32.79632885614665 < 32.86467427 - 0.02518129817386218,
VDDS_A3P3V_USB0_1_Power out of expected range: max->
10.433274896824589 > 10.43999758 + 0.0019693597822216563 || min->
10.421802472786528 < 10.43999758 - 0.0019693597822216563,
VDDA_ADC_Power out of expected range: max-> 0.7971031511043931 >
0.79774338 + 0.00042600585144280295 || min-> 0.7947060820310083 <
0.79774338 - 0.00042600585144280295, VDDSHV1_Power out of expected
range: max-> 0.4145773514051497 > 0.40831659000000003 +
0.0033442745845487214 || min-> 0.3955947901746256 <
0.40831659000000003 - 0.0033442745845487214, VDDSHV2_Power out of
expected range: max-> 32.86805713652658 > 31.01080436 +
6.671275855577929 || min-> 2.022535314003669 < 31.01080436 -
6.671275855577929, VDDSHV3_Power out of expected range: max->
0.18340372922481601 > 0.17537582000000002 + 0.002928742848790399 ||
min-> 0.16830148457234836 < 0.17537582000000002 -
0.002928742848790399, VDDSHV4_Power out of expected range: max->
0.08384683629280813 > 0.07844771 + 0.0029105860001974724 || min->
0.07006395109482448 < 0.07844771 - 0.0029105860001974724,
VDDSHV5_Power out of expected range: max-> 14.26563347258523 >
14.18701405 + 0.021466325580423096 || min-> 14.227351680229484 <
14.18701405 - 0.021466325580423096, VDDSHV6_Power out of expected
range: max-> 62.76920318784965 > 61.1963986300000004 +
5.546742693073633 || min-> 36.95507824216893 < 61.1963986300000004 -
5.546742693073633, Total_Power out of expected range: max->
690.9032284736917 > 564.852107295 + 82.67540650220175 || min->
538.0883526822773 < 564.852107295 - 82.67540650220175

LOG PATH

3.7.5 Test Suite : DVFS-Ondemand(default)

Test Case amsdkA-308: Idle power performance with FULL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-309: Idle power performance with SCREEN_BRIGHT_WAKE_LOCK

Summary:

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

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

1.5367197523822584 || min-> 32.81198477423955 < 35.399375 -
 1.5367197523822584, VDDSD_A3P3V_USB0_1_Power out of expected
 range: max-> 10.4479996376139 > 9.055413115 + 1.1972159713670996 ||
 min-> 10.439496102289818 < 9.055413115 - 1.1972159713670996,
 VDDSHV2_Power out of expected range: max-> 32.628383565591925 >
 8.822067615 + 7.708501499526951 || min-> 2.4521685375842703 <
 8.822067615 - 7.708501499526951, VDDSHV3_Power out of expected
 range: max-> 0.1848708229950021 > 0.165983265 +
 0.0056159088400974345 || min-> 0.17002753380119426 < 0.165983265 -
 0.0056159088400974345, VDDSHV4_Power out of expected range: max->
 0.08606325569384944 > 0.07693923500000001 + 0.003947407725779348 ||
 min-> 0.07340957170871473 < 0.07693923500000001 -
 0.003947407725779348, VDDSHV6_Power out of expected range: max->
 62.635743845936936 > 31.63605008 + 4.64107819529105 || min->
 37.811127979661784 < 31.63605008 - 4.64107819529105, Total_Power out
 of expected range: max-> 656.2595345637105 > 446.60209103666665 +
 9.824590890592063 || min-> 534.5687721798307 < 446.60209103666665 -
 9.824590890592063

LOG PATH

Test Case amsdkA-310: Idle power performance with SCREEN_DIM_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected
 range: max-> 259.56436517351125 > 163.89475694331983 +
 59.068645296182744 || min-> 206.71606767412206 < 163.89475694331983 -
 59.068645296182744, VDD_MPU_Power out of expected range: max->
 199.258287629951 > 80.48885746558705 + 67.03874815108372 || min->
 46.821398465428736 < 80.48885746558705 - 67.03874815108372,
 VDDSD_RTC_Power out of expected range: max-> 0.7709937325899537 >
 0.8106433643724696 + 0.020070196154388507 || min->
 0.7699197808353319 < 0.8106433643724696 - 0.020070196154388507,
 VDDSD_DDR_Power out of expected range: max-> 160.85234702546276 >
 85.95642790688258 + 37.56973856886896 || min-> 155.08336963206327 <
 85.95642790688258 - 37.56973856886896,
 VDDSD_SRAM_CORE_BG_Power out of expected range: max->
 2.3612794859220405 > 2.2290429149797575 + 0.08024790717583467 ||
 min-> 2.1966381959943106 < 2.2290429149797575 - 0.08024790717583467,
 VDDSD_SRAM_MPU_BB_Power out of expected range: max->
 3.1511823493508184 > 1.9364796842105263 + 0.379531760413838 || min->
 2.6298532691848213 < 1.9364796842105263 - 0.379531760413838,
 VDDSD_PLL_DDR_Power out of expected range: max->

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

LOG PATH

Test Case amsdkA-311: Idle power performance with PARTIAL_WAKE_LOCK

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDD_CORE_Power out of expected
range: max-> 263.40088232183035 > 162.02142282432433 +
62.11676391499341 || min-> 206.63518896968125 < 162.02142282432433 -
62.11676391499341, VDD_MPU_Power out of expected range: max->
284.655062516934 > 83.2915016981982 + 70.2860173682317 || min->
46.79523850824682 < 83.2915016981982 - 70.2860173682317,

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

LOG PATH

Test Case amsdkA-312: Dhrystone power performance with PARTIAL_WAKE_LOCK

Summary:

Acquire PARTIAL WakeLock and measure power while running Dhrystone benchmark

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

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

LOG PATH

Test Case amsdkA-313: 3D Graphics power performance

Summary:

Measure power while running 3D graphics application

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

Test Case amsdkA-314: Audio + Video power performance

Summary:

Measure power while running video and audio decode and playback

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

3.7.6 Test Suite : Suspend mode

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

Summary:

Measure power while system is in SUSPEND mode

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Power Performance data collected, VDDS_Power out of expected range: max-> 0.1869700808395218 > 0.9481935688073394 + 0.26744721618046924 || min-> 0.18016369988507913 < 0.9481935688073394 - 0.26744721618046924, VDDS_SRAM_CORE_BG_Power out of expected range: max-> 0.17119659031475526 > 1.210902658256881 + 0.18345717011341 || min-> 0.16971721626519856 < 1.210902658256881 - 0.18345717011341, VDDS_OSC_Power out of expected range: max-> 0.0010898087162347924 > 0.0008615738396624473 + 0.0002166056809219277 || min-> 0.000314121379183689 < 0.0008615738396624473 - 0.0002166056809219277, VDDA_1P8V_USB0_1_Power out of expected range: max-> 0.003423402010194415 > 0.002450628691983122 + 0.0003942236864218006 || min-> 0.0018433162479001841 < 0.002450628691983122 - 0.0003942236864218006, VDDS_A3P3V_USB0_1_Power out of expected range: max-> 0.06685176254540735 > 0.0706244852320675 + 0.00040731818340949396 || min-> 0.0652256029501428 < 0.0706244852320675 - 0.00040731818340949396, VDDA_ADC_Power out of expected range: max-> 0.804682039109039 > 0.8654345400843882 + 0.04699794750543781 || min-> 0.8023028754399667 < 0.8654345400843882 - 0.04699794750543781, VDDSHV1_Power out of expected range: max-> 0.07699582657431847 > 0.340435358649789 + 0.025660237631708546 || min-> 0.0630202126925207 < 0.340435358649789 - 0.025660237631708546, VDDSHV2_Power out of expected range: max-> 0.07672474787985022 > 0.07462503375527427 + 0.004547176379745631 || min-> 0.06213979336065329 < 0.07462503375527427 - 0.004547176379745631, VDDSHV3_Power out of expected range: max-> 0.08832245344334841 > 0.11866001687763712 + 0.005749979189325988 || min-> 0.07631381139046205 < 0.11866001687763712 - 0.005749979189325988, VDDSHV4_Power out of expected range: max-> 0.05334320897068404 > 0.08014074261603375 + 0.0040207857131748645 || min-> 0.04089397084467653 < 0.08014074261603375 - 0.0040207857131748645, VDDSHV5_Power out of expected range: max-> 0.10999551879879345 > 0.21824783544303797 + 0.005723913148845136 || min-> 0.09593020511588264 < 0.21824783544303797 - 0.005723913148845136

LOG PATH

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

Summary:

Measure power while system is in SUSPEND mode

Last Result: **Passed**

Build debug

Tester gt_amsdk_lead

Testing notes Power Performance data collectedPerformance data was NOT compared

LOG PATH

3.8 Test Suite : WLAN

Measure wireless LAN performance using NETPERF.

The Setup involves connecting the DUT to an access point that has a Linux system connected to it via Ethernet 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 2013-6-14
Tester gt_amsdk_lead
Testing notes Performance is less than 1.5 Mb/s. AVG Throughput=0.4 Buffer Size Throughput 1024 0.4 Performance data was NOT compared

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput 131702 27.25 Performance data was NOT compared

LOG PATH

3.8.2 Test Suite : WEP 40 bits

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

Summary:

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

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

LOG PATH

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

Summary:

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

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 4096 14.01 Performance data was NOT compared

LOG PATH

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

Summary:

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

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	Buffer Size Throughput 8192 17.85 Performance data was NOT compared

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput 131702 20.31 Performance data was NOT compared

LOG PATH

3.8.3 Test Suite : WEP 128 bits

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput 131702 20.57 Performance data was NOT compared

LOG PATH

3.8.4 Test Suite : WPA-PSK

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

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Performance is less than 1.5 Mb/s. AVG Throughput=0.41 Buffer Size Throughput 1024 0.41 Performance data was NOT compared

LOG PATH

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

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput 4096 13.76 Performance data was NOT compared

LOG PATH

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

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput 8192 17.65 Performance data was NOT compared

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput 131702 20.46 Performance data was NOT compared

LOG PATH

3.8.5 Test Suite : WPA2-PSK

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput 131702 28.9 Performance data was NOT compared

LOG PATH

3.9 Test Suite : Imbench

Test Case amsdkA-1073: LMBench test

Summary:

LMBench test.

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

3.10 Test Suite : Netperf

Tool to measure TCP/UDP bandwidth.

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

3.10.1 Test Suite : TCP

TCP bandwidth

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

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput ["16384"] {""=>148.56} Performance data was NOT compared

LOG PATH

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

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput ["32768"] {""=>144.57} Performance data was NOT compared

LOG PATH

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

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput ["65536"] {""=>137.14} Performance data was NOT compared

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.41 Buffer Size Throughput ["1024"] {">0.41} Performance data was NOT compared

LOG PATH

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

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput ["4096"] {">131.15} Performance data was NOT compared

LOG PATH

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

Summary:

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

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput ["8192"] {">179.27} Performance data was NOT compared

LOG PATH

3.10.2 Test Suite : UDP

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Buffer Size Throughput ["8192"] {"receive"=>274.81, "send"=>274.88}
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 2013-6-14

Tester gt_amsdk_lead

Testing notes FPS data collected successfully Performance data was NOT compared

LOG PATH

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

Summary:

Measure FPS of IMG OGLLES2Coverflow demo

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes FPS data collected successfully Performance data was NOT compared

LOG PATH

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

Summary:

Measure FPS of IMG OGLLES2Shaders demo

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes FPS data collected successfully Performance data was NOT compared

LOG PATH

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

Summary:

Measure FPS of IMG OGLLESVase demo

Last Result: **Passed**

testreport AM335x-EVM_JB_4.2.2_PG2.1

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

LOG PATH

4 Test Suite : Stress

4.1 Test Suite : power_long_term

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

Summary:

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

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

LOG PATH

Test Case amsdkA-1055: Long term graphic_suspend_resume

Summary:

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

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

LOG PATH

Test Case amsdkA-1056: Long term ethernet_suspend_resume

Summary:

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

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

LOG PATH

Test Case amsdkA-1058: Long term video_suspend_resume

Summary:

This test case is to verify that video continues running after system resumes from suspend.

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

LOG PATH

Test Case amsdkA-1059: Long term mmc suspend resume

Summary:

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

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

LOG PATH

Test Case amsdkA-1060: Long term usb suspend resume

Summary:

Test case verifies that usb continues to function properly after resume.

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

LOG PATH

4.2 Test Suite : wireless long term

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

Summary:

Data is send over the wireless while video is playing.

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

Test Case amsdkA-1530: bluetooth

Summary:

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

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

LOG PATH

Test Case amsdkA-1531: wifi_open

Summary:

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

This is non secure connection setup.

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

LOG PATH

Test Case amsdkA-1532: wifi_wpa-psk

Summary:

This test case stresses the 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 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1533: wifi_open and bluetooth

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

Test Case amsdkA-1534: wifi_wpa-psk and bluetooth

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

4.3 Test Suite : wireless

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

Summary:

Data is send over the wireless while video is playing.

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

LOG PATH

Test Case amsdkA-594: bluetooth

Summary:

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

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

LOG PATH

Test Case amsdkA-595: wifi_open

Summary:

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

This is non secure connection setup.

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

LOG PATH

Test Case amsdkA-596: wifi_wpa-psk

Summary:

This test case stresses the 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 2013-6-14
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-597: wifi_open and bluetooth

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

LOG PATH

Test Case amsdkA-598: wifi_wpa-psk and bluetooth

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

LOG PATH

4.4 Test Suite : power

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

Summary:

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

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

Test Case amsdkA-788: graphic_suspend_resume

Summary:

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

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

LOG PATH

Test Case amsdkA-789: ethernet_suspend_resume

Summary:

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

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

LOG PATH

Test Case amsdkA-790: wlan_suspend_resume

Summary:

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

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

LOG PATH

Test Case amsdkA-791: video_suspend_resume

Summary:

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

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

LOG PATH

Test Case amsdkA-792: mmc suspend resume

Summary:

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

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

LOG PATH

Test Case amsdkA-793: usb suspend resume

Summary:

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

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

Testing notes Suspend-Resume Stress Test=100.0

LOG PATH

4.5 Test Suite : media

Test Case amsdkA-670: Android Music Play

Summary:

This test case stress music play application.

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

LOG PATH

Test Case amsdkA-671: Android Video play

Summary:

This test case stress the video play application.

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

LOG PATH

4.6 Test Suite : Browser

Browser Stress test

Test Case amsdkA-602: Browser Stres test

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

4.7 Test Suite : Graphics

Graphics related stress test.

Test Case amsdkA-603: Graphics Stress Test

Summary:

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

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

LOG PATH

Test Case amsdkA-604: Graphics and Audio Stress Test

Summary:

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

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

LOG PATH

Test Case amsdkA-605: Graphics and Video Stress Test

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

4.8 Test Suite : LAN

Stress test area for LAN

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

Summary:

Data is send over the LAN while video is playing.

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

LOG PATH

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

Summary:

Network Stream test

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

LOG PATH

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

Summary:

WLAN No Security Stream Test

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

LOG PATH

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

Summary:

Network Stream test

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

LOG PATH

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

Summary:

WLAN No Security Stream Test

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

LOG PATH

4.9 Test Suite : Device IO

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

Summary:

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

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

LOG PATH

4.10 Test Suite : graphics_long_term

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

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

Summary:

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

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

LOG PATH

Test Case amsdkA-1048: Long term Graphics Stress Test

Summary:

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

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

LOG PATH

5 Test Suite : Documentation

Test Case amsdkA-54: DevKit Users Guide

Summary:

Verify that a DevKit Users Guide document is provided

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

Test Case amsdkA-55: Release Notes

Summary:

Verify that a Release Notes are provided

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

Test Case amsdkA-56: Porting Guide

Summary:

Verify that an Android Rowboat Porting Guide document is provided

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

Test Case amsdkA-57: CTS Report

Summary:

Verify that a CTS report is provided

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

Test Case amsdkA-58: DevKit Test Report

Summary:

Verify that a DevKit Test Report is provided

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

Test Case amsdkA-72: Eclipse Setup

Summary:

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

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

Test Case amsdkA-73: ADB over Ethernet Setup

Summary:

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

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

Test Case amsdkA-74: ADB over USB Setup

Summary:

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

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

Test Case amsdkA-75: ADB .apk File Download

Summary:

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

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

Test Case amsdkA-76: Eclipse APK File Download

Summary:

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

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

Test Case amsdkA-78: DevKit Developers Guide

Summary:

Verify that a DevKit Developers Guide document is provided

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

Test Case amsdkA-81: Document Format

Summary:

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

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

6 Test Suite : Kitting

Test Case amsdkA-53: DevKit Content

Summary:

Devkit content should be complete (see expected results section)

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

Test Case amsdkA-77: Android Devkit apk file

Summary:

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

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

Test Case amsdkA-79: Download Page

Summary:

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

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

Test Case amsdkA-80: arowboat.org Download Link

Summary:

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

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

7 Test Suite : Functionality

Functional Test cases

7.1 Test Suite : System

Test Case amsdkA-70: System boot

Summary:

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

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

Test Case amsdkA-71: System boot w/ console

Summary:

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

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

Test Case amsdkA-86: OOB Demos

Summary:

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

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

Test Case amsdkA-87: RootFS over NFS

Summary:

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

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

Tester gt_amsdk_lead

7.2 Test Suite : Bluetooth

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

Summary:

Stream music to bluetooth stereo headset via A2DP profile

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

Test Case amsdkA-477: Bluetooth Object push

Summary:

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

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

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

Summary:

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

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

7.3 Test Suite : WLAN

Test Case amsdkA-929: Verify softAP functionality

Summary:

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

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-930: Verify Wifi Direct functionality

Summary:

Verify Wifi direct functionality in the device

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

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

Test Case amsdkA-1504: Media Transfer Protocol

Summary:

Verify that MTP functionality is working on the device

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-1509: Picture Transfer Protocol

Summary:

Verify that PTP functionality is working on the device

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

7.5 Test Suite : 3G

Test Case amsdkA-1526: USB 3G connectivity

Summary:

Verify 3G connectivity on the board

Last Result: **Blocked**

Build 2013-6-14

Tester gt_amsdk_lead

7.6 Test Suite : Audio

Test Case amsdkA-1535: Line-out

Summary:

Verify that line-out is working correctly

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

7.7 Test Suite : Graphics

Test Case amsdkA-764: 3DAnimation

Summary:

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

This application demonstrates 3d graphics with animation.

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

8 Test Suite : Miscellaneous

This test area list different kinds of test cases.

Test Case amsdkA-610: Music application lists songs.

Summary:

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

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

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

Summary:

Music application lists Songs from External Storage and Recorded Sounds.

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

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

Summary:

Camera will be part of Android DevKit core applications.

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

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

Summary:

Dev Tools will be part of Android DevKit core applications.

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

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

Summary:

ICONS for standard applications will be placed on main window.

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

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

Summary:

Security will be turned ON in Android Layer

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

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

Summary:

Android DevKit should contain Sources for Linux Kernel

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

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

Summary:

The DevKit installer should work on a ubuntu Linux host machine

Last Result: **Passed**

Build 2013-6-14
Tester gt_amsdk_lead

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

Summary:

Links to support infrastructure on e2e and rowboat to be provided

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

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

Summary:

Email will be part of Android DevKit core applications

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

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

Summary:

Links to raise defects against this release should be provided

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

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

Summary:

Customers should be notified about devkit release through TI news, infolink, android porting mailing

Last Result: **Passed**

Build 2013-6-14
Tester gt_amsdk_lead

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

Summary:

Calendar will be part of Android DevKit core applications.

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

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

Summary:

Android home screen contains Launcher - gateway to all applications

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

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

Summary:

Android home screen contains Global Search Bar

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

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

Summary:

Android Home Screen contains Tips widget to give important Tips

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

Tester gt_amsdk_lead

Test Case amsdkA-628: 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 2013-6-14
Tester gt_amsdk_lead

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

Summary:

Multiple Home Screen (5 Screens)

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

Test Case amsdkA-630: Slidable Status bar

Summary:

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

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

Test Case amsdkA-631: Wallpaper can be changed

Summary:

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

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

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

Summary:

Keypad contains HOME, BACK, POWER and MENU Keys.

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

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

Summary:

Gallery will be part of Android DevKit core applications

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

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

Summary:

Launcher will be part of Android DevKit core applications

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

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

Summary:

Global Search will be part of Android DevKit core applications

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

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

Summary:

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

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

9 Test Suite : Control/informative

Test Case amsdkA-638: Hardware Volume Controls

Summary:

Android DevKit supports Hardware Volume Controls

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

10 Test Suite : IO

IO related manual test cases.

Test Case amsdkA-642: Android DevKit supports Touchscreen

Summary:

Android DevKit supports Touchscreen

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-643: Android DevKit supports Mouse

Summary:

Android DevKit supports Mouse

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

11 Test Suite : Processor Speed

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

Summary:

Android DevKit supports Cortex A8 ARM up to Maximum Frequency.

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