

Motorola Mobility Internal

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| KA MotoPLYR Client KA14 Release Notes | | |
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Revision History

| Rev | Description | Incorporated By | Date |
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| x.1 | Updated section [Bug 18913](http://kreatvbugzilla.ea.mot.com/show_bug.cgi?id=18913) | Ashok Sharma | 6 June 2012 |
| x.1 | Updated for SVN 242289 merge | Ashok Sharma | 8 June 2012 |
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| x.4 | Addressed PR94148 | Ashok Sharma | 15th February 2012 |
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Table of Contents

Section Title Page Number

1. Introduction 4

2. Scope 4

3. Features supported by KreaTV MotoPLYR 4

4. Release Contents 6

5. Changes in this build 6

6. Known/Open Issues 6

7. Limitation 7

List of Figures

Section Title Page Number

**No table of figures entries found.**

List of Tables

Section Title Page Number

Table 1: Bug Fixed 6

Table 2: Open Issues 6

Table 3: Limitations 7

# Introduction

This document provides the release information **MotoPLYR Client 1.3.03.06** that operates on the KA platform to provide a diagnostic tool for the VMS product family

The MotoPLYR system provides diagnostic and test operations for the KA platform product family. These low level tests allow validation of the hardware and hardware abstraction software of the KA platform products, the subscriber’s home network and the service provider’s access network when fielded with minimal external test fixtures. The MotoPLYR system is extensible to include higher level diagnostics to support new features and services provided by operators.

This MotoPLYR releasesupports for the following models:

* IPC1100
* VMS1100

# Scope

This is release for KA14 of MotoPLYR for KA platform for VMS product family the features which are supported are described in the section 3.

# Features supported by KreaTV MotoPLYR

The following list of features are supported in KA14 release

1. System Info
2. Self Test
3. Misc. Hardware Tests
   * + Run Time Memory test
     + Secure OS Test
     + LED Test
4. Boot Memory Test
   * + Factory Provisioning
     + Stage 1 BL Version
     + Stage 2 BL Version
     + Platform Version
5. Tuner Tests
   * + Cable Card Test
     + OOB Signal Test
     + OOB Statistics
     + QAM Signal Test
     + QAM Statistics Test
6. Hard Disk Tests
   * + Disk Type
     + Disk SMART Status
     + DST
     + Disk Utilization
7. HDMI Tests
   * + HDMI Test
     + HDMI Info
     + HDCP Authentication
8. Home Network Test
9. IP Configuration Test
10. Network Map Test
11. MoCA Test
    * + MoCA NW Status
      + MoCA Parametric Test
      + MoCA Quality Test
12. Ethernet Test
    * + Ethernet Parametric Test
      + Ethernet Quality Test
13. Broadband Network Test
    * + DNS Ping Test
      + Configurable Ping
      + NTP Test
      + IP Streaming Test
14. Retest ALL
15. Test Suite
16. Retest Group

# Release Contents

KA1.2\_Maint\_Motoplyr r290193 SVN Branch merged to KA 1.2\_Maint

# Changes in this build

Below issues are fixed in this release

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **ID** | **Description** | **Comments** |
| 1 | [KREATV-13268](http://odart.mot-mobility.com/browse/KREATV-13268) | [MotoPLYR: HDCP Authentication always warning](http://odart.mot-mobility.com/browse/KREATV-13268) | None |
| 2 | [KREATV-12165](http://odart.mot-mobility.com/browse/KREATV-12165) | [VMS/IPC box is not taking the modified MotoPlyr config files until the box reboot.](http://odart.mot-mobility.com/browse/KREATV-12165) | None |
| 3 | [KREATV-13863](http://odart.mot-mobility.com/browse/KREATV-13863) | [TA: MotoPLYR: Cable Card Test: Change Label of Second version to FW 2nd version and don't consider FW 2nd version or Test status](http://odart.mot-mobility.com/browse/KREATV-13863) | None |
| 4 | [KREATV-13966](http://odart.mot-mobility.com/browse/KREATV-13966) | MP Config and Pass-Fail config file updation | None |
| 5 | [KREATV-13964](http://odart.mot-mobility.com/browse/KREATV-13964) | TA: MotoPLYR:Add TR-109 NTP URLs for the NTP Test | None |
| 6 | [KREATV-13965](http://odart.mot-mobility.com/browse/KREATV-13965) | TA:MotoPLYR; Delete Thread Utility objects after completion of Test | None |

Table 1: Bug Fixed

# Known/Open Issues

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No.** | **ID** | **Description** | **Severity** | **Reproducibility** | **Comments** |
| 1 | [KREATV-9781](http://odart.mot-mobility.com/browse/KREATV-9781) | [MotoPlyr test fails at testid:53 during remote testing from TR69](http://odart.mot-mobility.com/browse/KREATV-9781) | Minor | 20/20 | The test is Pass and platform version shows as 0.0.0 which is not correct and currently is being looked by platform team. |

Table 2: Open Issues

# Limitation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Bug Id** | **Description** | **Impacted Test ID** | **Customer Limitation** | **Workaround** |
| 1 | [OKVIPMP3G-11876](http://odart.mot-mobility.com/browse/OKVIPMP3G-11876) | QAM Statistics test: Demuxer discontinuity count is not supported since there is no transport stream processing. | 086 | None | None |
| 2 | None | The number of packets should be limited to 100000 to avoid indeterminate test times due to OS delays using third party Ping software | 345 and  356 | MoCA and/or Ethernet PER tests should be limited to less than 100000 packets. | Use 100000 as maximum packet counts. |
| 3 | [OKVIPMP3G-12388](http://odart.mot-mobility.com/browse/OKVIPMP3G-12388) | [Vz feedback: MoCA PER is extremely High when VMS and IPC are running simultaneously](http://odart.mot-mobility.com/browse/OKVIPMP3G-12388) | 345 and  356 | MoCA and/or Ethernet PER test fails | Don’t execute MotoPLYR test parallel on multiple STB. |

Table 3: Limitations