Conformance Test Plan for CDMA Wireless Devices

August 2015

Revision 7.0
CTIA Certification Program

1400 16th Street, NW
Suite 600
Washington, DC  20036

e-mail: certification@ctia.org
Telephone: 1.202.785.0081

www.ctia.org/certification

© 2004 CTIA – The Wireless Association®. All rights reserved.

CTIA hereby grants to CTIA Authorized Testing Laboratories (CATLs), and only to CATLs, a limited, non-transferable license to use this Test Plan for the sole purpose of testing wireless devices for the CTIA Certification Program, and to reproduce this Test Plan for internal use only. Any other use of this Test Plan must be authorized in writing by CTIA.

Any reproduction or transmission of all or part of this Test Plan, in any form or by any means, electronic or mechanical, including photocopying, recording, or via any information storage and retrieval system, without the prior written permission of CTIA, is unauthorized and strictly prohibited.

Any reproduction of this Test Plan shall display the notice: “Copyright by CTIA. All rights reserved.”
TABLE OF CONTENTS

SECTION 1  INTRODUCTION........................................................................................................ 1
  1.1  PURPOSE.......................................................................................................................... 1
  1.2  APPLICABLE DOCUMENTS............................................................................................ 1

SECTION 2  TEST REQUIREMENTS ....................................................................................... 2
  2.1  CORE TESTING................................................................................................................ 2

SECTION 3  REVISION HISTORY ............................................................................................. 3
Section 1  Introduction

1.1  Purpose

This Test Plan is part of the CTIA LTE/CDMA Wireless Device Certification Program, as defined in the CTIA LTE/CDMA Wireless Device Certification Program Management Document (PMD). The PMD describes the process for applying, and full criteria that must be met, for CTIA Certification.

The test requirements for CDMA-capable devices are based on Global Certification Forum™ (GCF) Certification Criteria 2 (GCF-CC2).

1.2  Applicable Documents

The following documents are applicable to this Test Plan:

CTIA LTE/CDMA Certification Program Management Document, Latest Revision, CTIA. www.ctia.org/certification

GCF-CC2, Latest Revision, GCF. http://member.globalcertificationforum.org/Website/private/refdoc.aspx

______________________________

1 Global Certification Forum is a registered trademark of the Global Certification Forum Ltd
Section 2  Test Requirements

2.1  Core Testing

See the Core Testing component of GCF-CC2 for the requirements.
### Section 3  Revision History

<table>
<thead>
<tr>
<th>Date</th>
<th>Revision</th>
<th>Purpose/Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1998</td>
<td>Draft 1.0</td>
<td>Issued For Comments</td>
</tr>
<tr>
<td>February 1998</td>
<td>Draft 1.1</td>
<td>Issued For Comments</td>
</tr>
</tbody>
</table>
| June 1998       | Release 1.2    | Changed to reflect IS-98-B  
Included CDMA Environmental Tests  
Calibration Procedure Added  
Added Analog Call Setup  
Modified CDMA Results Tables  
Added Thermal Shock |
| January 1999    | Draft 1.3      | General Reformat  
Simplified Table/Figure Referencing  
Extensive Review and Update of Existing Procedures |
| November 1999   | Release 2.0    | CDMA testing now reflects use of TAS hardware and software  
Added support for 8924C idle and soft handoff tests  
All tests now reflect TIA/EIA-98-B  
General revision of procedures |
| February 2000   | Release 2.1    | CDMA Authentication added  
Acoustics reflect new B&K 6713  
Editorial changes made |
| November 2001   | Release 3.0    | Certification program restructured  
Replaces previously titled “Test Plan for 800 MHz AMPS & Cellular/PCS CDMA Wireless Subscriber Stations” |
| October 2002    | Release 3.1    | Updated applicable documents to latest specifications  
Added acronyms table  
Updated 1x and position location tests to reflect latest specifications  
Added TIA/EIA-898 references to signaling conformance tests  
Identified signaling conformance tests as informational-only  
Clarified system performance tests and added CDG35 test matrices  
Editorial changes |
deleted reference to TIA/EIA-98-E, Ballot Version  
Updated PMD reference to Rev. 3.0  
Corrected TIA-919 title  
Revised signaling conformance test requirements  
Provided roadmap for future test requirements |
| April 2004      | Release 4.0    | Expanded Test Coverage, including 1x-EvDO & Position Location  
Removed test cases; updated test matrices; added hybrid test  
Added Test Process section and safe-for-network test report format  
Identified safe for network test cases in test matrices  
Revised test coverage to reflect CATL input on test capability Clarified radiated test coverage requirements  
Allowed testing per spirit of CDG References 35 & 64  
Updated PMD reference to Rev. 3.1 |
| October 2004    | Release 4.1    | Updated test matrices  
Updated document references  
Clarified two-part test process  
Updated position location testing  
Renamed hybrid test to TIA-916 test and updated |
<table>
<thead>
<tr>
<th>Date</th>
<th>Revision</th>
<th>Purpose/Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 2005</td>
<td>Release 4.2</td>
<td>Updated test matrices</td>
</tr>
<tr>
<td>May 2005</td>
<td>Release 4.3</td>
<td>Updated test matrices</td>
</tr>
<tr>
<td>October 2005</td>
<td>Release 4.4</td>
<td>Updated test matrices, Updated PMD reference to Rev. 4.2, Added Temperature Designator</td>
</tr>
<tr>
<td>October 2006</td>
<td>Release 5.0</td>
<td>Reformatted to reference CCF-L Certification Test Plan</td>
</tr>
<tr>
<td>November 2006</td>
<td>Release 5.1</td>
<td>Revised Environmental test requirements, Clarified CCF-L test plan version requirements, Updated PMD reference to Rev. 4.3</td>
</tr>
<tr>
<td>November 2006</td>
<td>Release 5.2</td>
<td>Added Environmental test requirements back into requirements for C.S0033</td>
</tr>
<tr>
<td>December 2006</td>
<td>Release 5.3</td>
<td>Added requirement to test all band classes supported by the device, Fixed incorrect reference to C.S0031-0, Took out test cases 10.6, 13.5 and 4.1 in C.S0031-0, Updated PMD reference to Rev. 4.4</td>
</tr>
<tr>
<td>January 2008</td>
<td>Release 5.4</td>
<td>Added 3GPP2 references C.S0043-0, C.S0060-0, C.S0061-0, C.s0062, C.S0073-0 and OMA-ETS-MMS-V1_2-200602080</td>
</tr>
<tr>
<td>April 2009</td>
<td>Release 5.4.1</td>
<td>Deleted 3GPP2 reference OMA-ETS-MMS-V1 2-20060208-A - Enabler Test Specification for MMS and ME conformance test for R-UIM 3GPP2 C.S0048, Deleted requirement that for CTIA Certification, the device must be tested in all bands supported by the product.</td>
</tr>
<tr>
<td>September 2009</td>
<td>Release 5.5</td>
<td>Revised Applicable Documents section, Deleted 3GPP2/ TIA Reference Matrix, EUT, Mobile Station Documentation, Definitions, Band Class Definitions, Test Case Exceptions tables, Test Case matrix tables, Renamed Test Overview to Test Requirements and updated</td>
</tr>
<tr>
<td>June 2011</td>
<td>Release 5.6</td>
<td>Revised the test plan name and Internet link for the CDMA Certification Forum (CCF) Test Plan</td>
</tr>
<tr>
<td>November 2012</td>
<td>Release 5.7</td>
<td>Revised Internet link for the CDMA Certification Forum (CCF) Test Plan</td>
</tr>
<tr>
<td>January 2015</td>
<td>Release 6.0</td>
<td>Revised the test plan name, Reformatted to reference GCF-CC2</td>
</tr>
<tr>
<td>August 2015</td>
<td>Release 7.0</td>
<td>Revised test plan name, Updated reference to CTIA LTE/CDMA Wireless Device Certification Program Management Document (PMD), Updated link to GCF-CC2</td>
</tr>
</tbody>
</table>