



Endorsement of Wi-Fi Alliance AFC System (SUT) Compliance Test Plan and Test Vectors

Document WINNF-RC-4009

Version V1.1.0

11 June 2023



TERMS, CONDITIONS & NOTICES

This document has been prepared by the 6 GHz Committee Test & Certification WG to assist The Software Defined Radio Forum Inc. (or its successors or assigns, hereafter “the Forum”). It may be amended or withdrawn at a later time and it is not binding on any member of the Forum or of the 6 GHz Committee Test & Certification WG.

Contributors to this document that have submitted copyrighted materials (the Submission) to the Forum for use in this document retain copyright ownership of their original work, while at the same time granting the Forum a non-exclusive, irrevocable, worldwide, perpetual, royalty-free license under the Submitter’s copyrights in the Submission to reproduce, distribute, publish, display, perform, and create derivative works of the Submission based on that original work for the purpose of developing this document under the Forum's own copyright.

Permission is granted to the Forum’s participants to copy any portion of this document for legitimate purposes of the Forum. Copying for monetary gain or for other non-Forum related purposes is prohibited.

THIS DOCUMENT IS BEING OFFERED WITHOUT ANY WARRANTY WHATSOEVER, AND IN PARTICULAR, ANY WARRANTY OF NON-INFRINGEMENT IS EXPRESSLY DISCLAIMED. ANY USE OF THIS SPECIFICATION SHALL BE MADE ENTIRELY AT THE IMPLEMENTER'S OWN RISK, AND NEITHER THE FORUM, NOR ANY OF ITS MEMBERS OR SUBMITTERS, SHALL HAVE ANY LIABILITY WHATSOEVER TO ANY IMPLEMENTER OR THIRD PARTY FOR ANY DAMAGES OF ANY NATURE WHATSOEVER, DIRECTLY OR INDIRECTLY, ARISING FROM THE USE OF THIS DOCUMENT.

Recipients of this document are requested to submit, with their comments, notification of any relevant patent claims or other intellectual property rights of which they may be aware that might be infringed by any implementation of the specification set forth in this document, and to provide supporting documentation.

This document was developed following the Forum's policy on restricted or controlled information (Policy 009) to ensure that that the document can be shared openly with other member organizations around the world. Additional Information on this policy can be found here: http://www.wirelessinnovation.org/page/Policies_and_Procedures

Although this document contains no restricted or controlled information, the specific implementation of concepts contain herein may be controlled under the laws of the country of origin for that implementation. Readers are encouraged, therefore, to consult with a cognizant authority prior to any further development.

Wireless Innovation Forum TM and SDR Forum TM are trademarks of the Software Defined Radio Forum Inc.

Table of Contents

TERMS, CONDITIONS & NOTICES	i
Table of Contents	ii
1 Endorsement Statement.....	1
2 Normative Reference	1
Annex A (Informative): Revision History	2

Endorsement of Wi-Fi Alliance AFC System (SUT) Compliance Test Plan and Test Vectors

1 Endorsement Statement

The Wireless Innovation Forum endorses the Wi-Fi Alliance AFC System (SUT) Compliance Test Plan [n.1] and Test Vectors [n.2], including appendices, as a preferred test plan and test vectors for AFC System certification testing. This endorsement is non-exclusive, and the Wireless Innovation Forum may endorse additional test plan and test vectors for application areas where the Wi-Fi Alliance AFC System (SUT) Compliance Test Plan and Test Vectors are not an ideal match. This endorsement does not imply deprecation of the endorsement of the WINNF-TS-4007 [n.4] and the WINNF-6GHz-0004 [n.5], that remains valid.

The Wireless Innovation Forum recognizes that additional resources are needed by Wi-Fi Alliance AFC System (SUT) Compliance Test Plan and Test Vectors adopters and intends to provide support material, such as a report of WINNF-TS-4007 and WINNF-6GHz-0004 to Wi-Fi Alliance AFC System (SUT) Compliance Test Plan and Test Vectors.

2 Normative Reference

The following referenced documents are necessary for the application of the present document.

- [n.1] Wi-Fi Alliance AFC System (SUT) Compliance Test Plan V1.5, available at:
<http://www.wi-fi.org/file/afc-specification-and-test-plans>
- [n.2] Wi-Fi Alliance AFC System (SUT) Compliance Test Vector Requests V1.2, available at:
<http://www.wi-fi.org/file/afc-specification-and-test-plans>
- [n.3] RESERVED
- [n.4] WINNF-TS-4007, “WinnForum Extension to AFC System (SUT) Test Plan for the US 6 GHz Band”, Wireless Innovation Forum
- [n.5] WINNF-6GHZ-0004, “WinnForum Extension to AFC System (SUT) Test Vector Requests and Responses”, Wireless Innovation Forum

Annex A (Informative): Revision History

Document History		
V1.0.0	22 March 2023	Initial Version
V1.1.0	11 June 2023	Revision to reflect updates to Wi-Fi Alliance documents