

**Amendment 2 to  
The DFAST Technology License Agreement  
For Unidirectional Digital Cable Products**

When executed by Cablelabs and the Licensee identified below, this Amendment shall amend that certain DFAST Technology License Agreement by and between Cablelabs and Licensee (the "Agreement"). Unless noted otherwise, any defined terms used herein shall have the meaning ascribed to them in the Agreement. All other terms and conditions of the Agreement shall remain in full force and effect.

1. Add Exhibit A-3 as follows:

**Exhibit A-3  
Referenced Technology  
UDCPs with Tuning Adapter**

Optionally, Licensee may use the DFAST Technology in a Unidirectional Digital Cable Product, and the additional technology identified in the Tuning Resolver Interface Specification OC-SP-TRIF-I02-080519 to implement functionality that complies with \_\_\_\_\_[PICS] as specified in the procedures set forth in \_\_\_\_\_[ATP] (a "TA-UDCP"), (such documents located at [www.opencable.com/specifications](http://www.opencable.com/specifications)), provided:

- (1) Licensee shall have previously Verified a UDCP.
- (2) Licensee shall have a sample of its first model of a TA-UDCP tested at CableLabs to show compliance with \_\_\_\_\_PICS as specified in the procedures set forth in \_\_\_\_\_ATP. If the model fails to comply, the manufacturer or importer shall have retested, at CableLabs or a qualified test facility identified by CableLabs, a product that complies with the applicable tests and procedures before any product or related model may be labeled or marketed.
- (3) Subsequent to the successful testing of its initial TA-UDCP, a manufacturer or importer is not required to have other TA-UDCP models tested at CableLabs for compliance with \_\_\_\_\_PICS. The manufacturer or importer shall ensure that all subsequent models of TA-UDCPs comply with \_\_\_\_\_PICS and all other applicable rules and standards. For each TA-UDCP model, the manufacturer or importer shall maintain records indicating such compliance in accordance with the verification procedure requirements in 47 C.F.R. §§2.951-2.962. For each TA-UDCP model, the manufacturer or importer shall further submit documentation verifying compliance with \_\_\_\_\_PICS to CableLabs.

In Witness Whereof, the parties hereto have caused this Amendment to be duly signed and to be effective as of the Date below.

**Licensee:** \_\_\_\_\_

**Cable Television Laboratories, Inc.**

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_