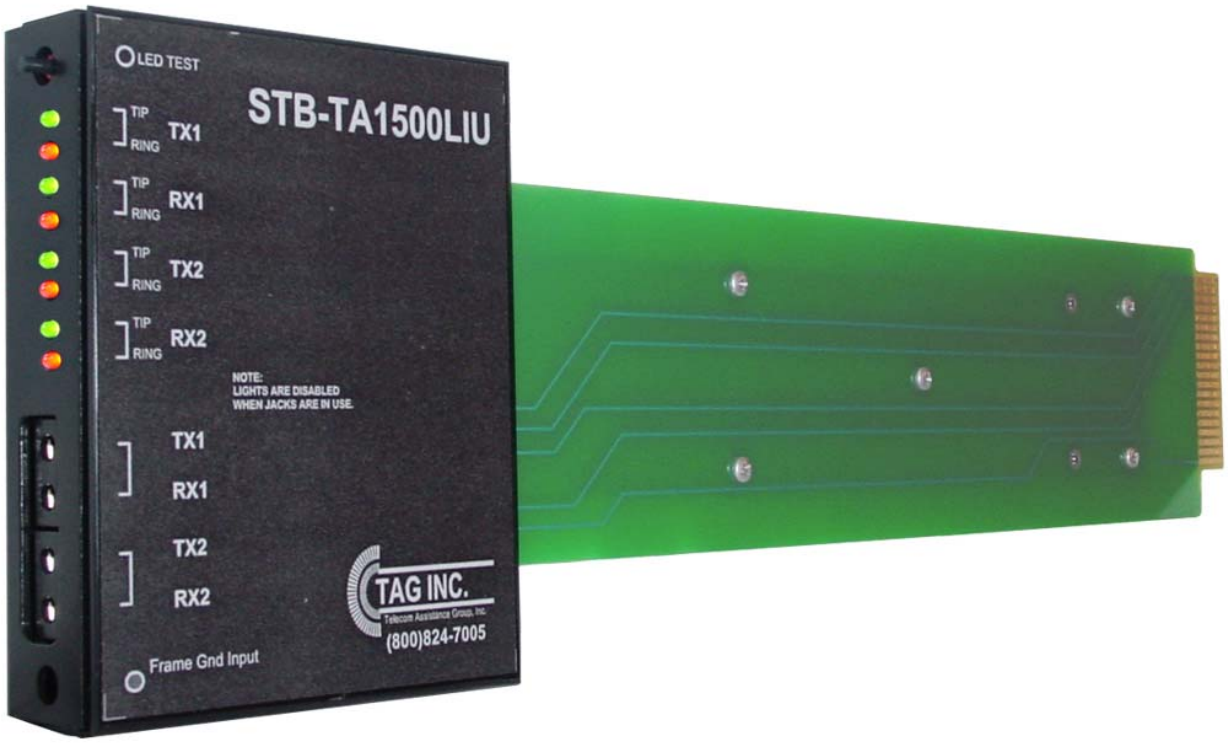
TAG INC.
Telecom Assistance Group, Inc.
800-824-7005

ADTRAN Total Access 1500 LIU Streaker/Test Board
STB-TA1500LIU Practice



The STB-TA1500LIU provides a quick method to verify continuity as well as, transmit a test signal from the Total Access 1500 LIU card slots to the DSX-1. At the DSX-1, Tester 2 will use a continuity test probe to verify that the LIU card slots are properly wired. Tester 2 is also capable of looping a test signal back to the STB-TA1500LIU and Tester 1 can determine if the signal is acceptable for system turnup. The STB-TA1500LIU is used on non-powered systems.

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Physical Description and Wiring

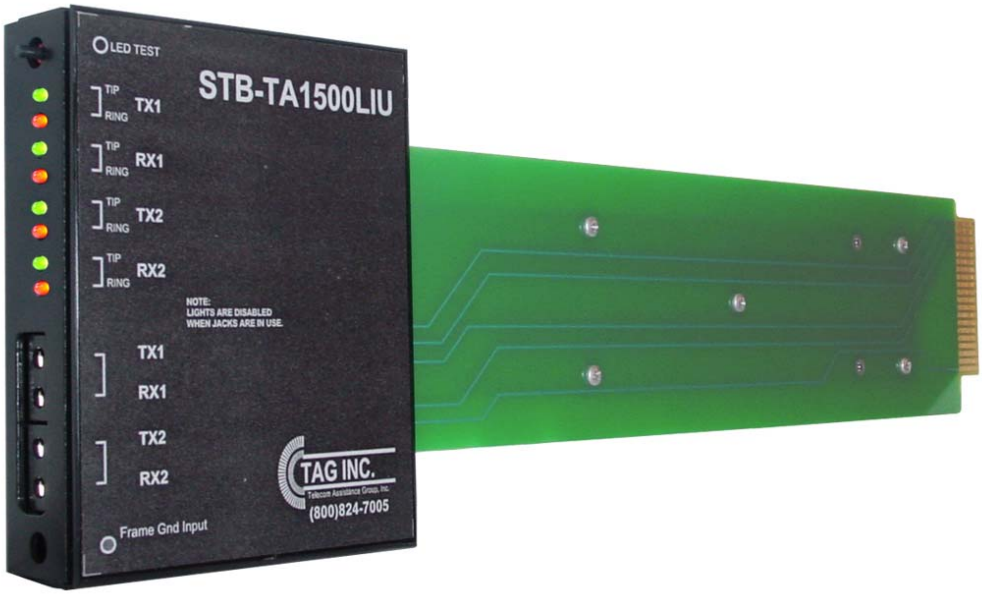
Total Access 1500 Shelf

***The (STB-TA1500LIU) Total Access 1500 LIU Streaker/Test Board will plug into slots shaded gray.**

LED's verify continuity for Tip (T) and Ring (R) wiring.

Bantam Jack Access for test signal acceptance.

External Frame Ground Jack.



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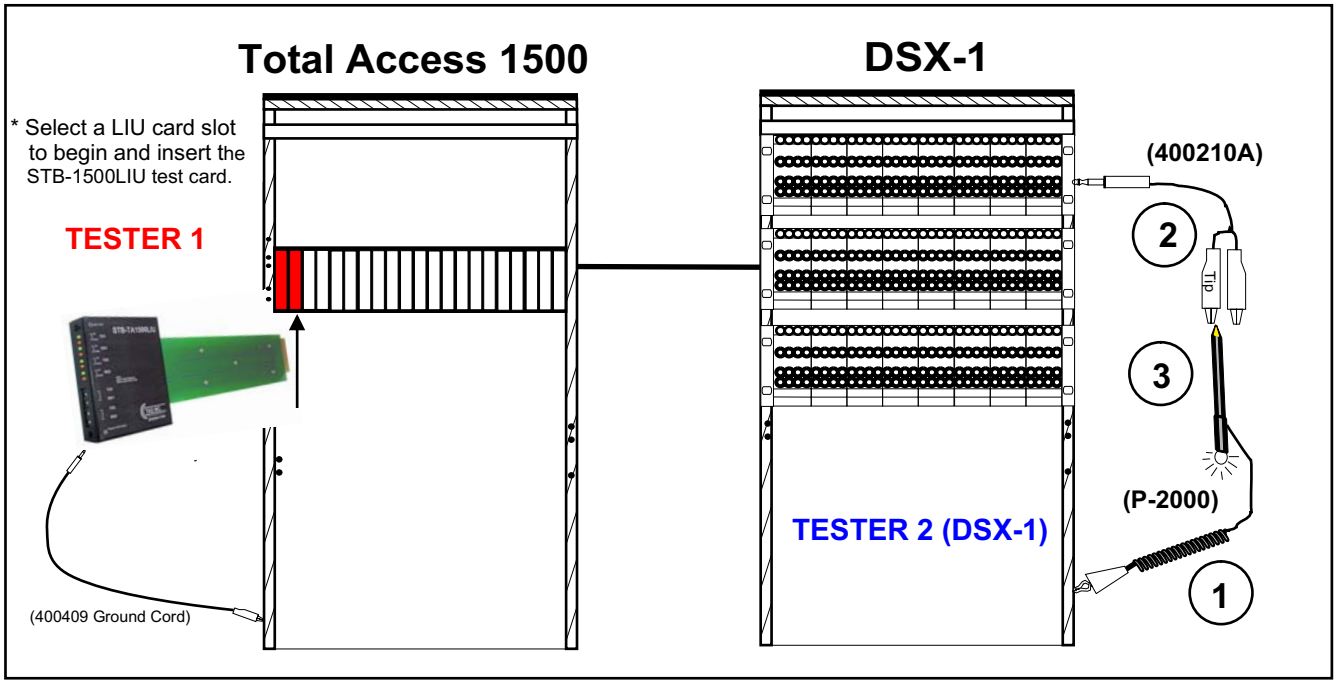
Step by Step Procedure



TESTER 1 (Total Access 1500 LIU Continuity Test)

1. Press LED test button. Verify that all LED's illuminate. If LED's do not illuminate, replace with a new battery.

2. Select LIU card slot to begin testing.
   (CAUTION: Do not force. Verify proper alignment before inserting.)

3. If chassis ground is not already connected through the backplane, insert Pin plug test cord (400409) into the (STB-TA1500LIU) Card and connect the Alligator Clip to Frame Ground.

4. Establish communication with Tester 2 at the DSX-1. You are ready to begin testing at the ADTRAN Total Access 1500 (observe LED's illuminating).

TESTER 2 (DSX-1)

1. Connect test probe (P-2000) Alligator Clip to Frame Ground.

2. Plug (400210A)Bantam to Alligator Clips cord in DSX-1 jack to begin testing

3. Touch Probe end to "ground the corresponding wiring assignments." The LED on the probe will illuminate to indicate a connection to the (STB-TA1500LIU) card.

STB-TA1500LIU (TX- Tip) = DSX-1 (TX-Tip).

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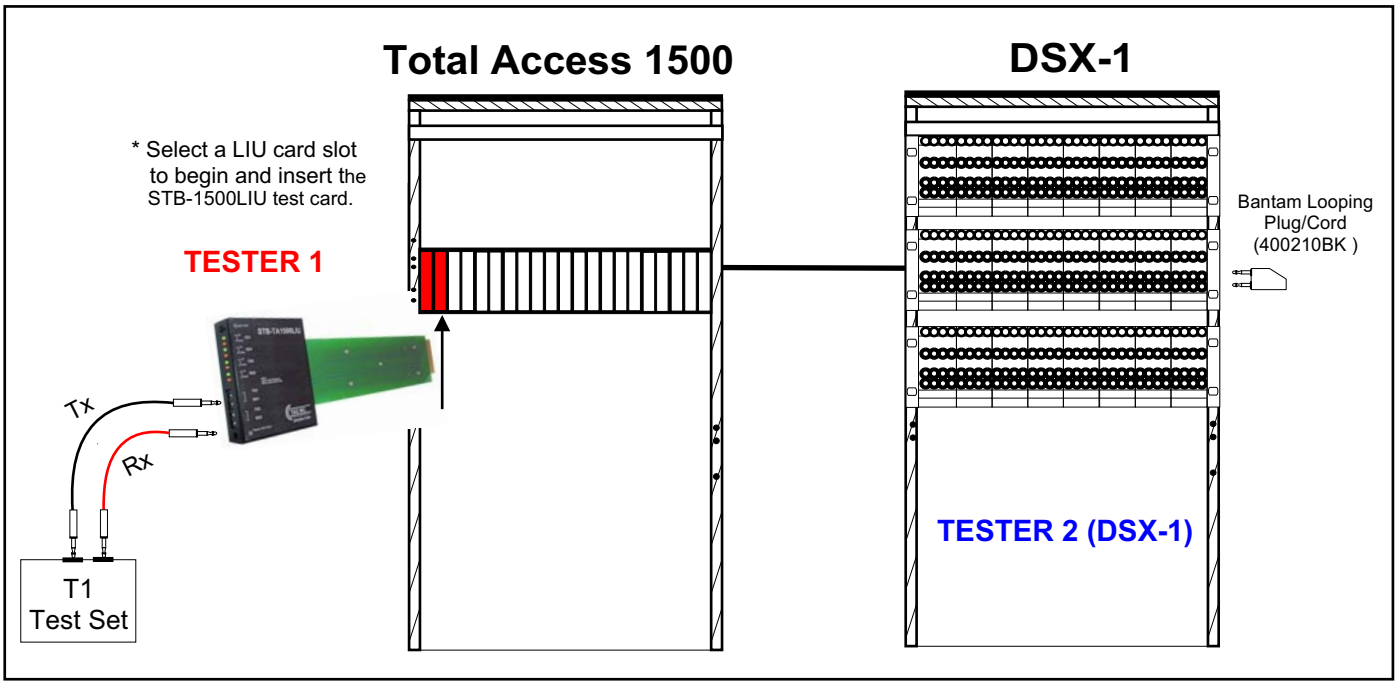

Test Acceptance Procedure:

1. Select LIU card slot to begin testing.
   (CAUTION: Do not force. Verify proper alignment before inserting.)

2. Using a T1 Test Set, connect bantam cords (400210RD)-Transmit (Tx) and (400210BK)-Receive (Rx) to the appropriate jacks from the (STB-TA1500LIU) card to a T1 test set to perform acceptance testing.

3. Establish communication with Tester 2 at the DSX-1. Determine which circuits you will be testing. Tester 2 will loop the test signal back to tester 1 with a bantam looping plug/cord (400210BK).

4. Tester 1 will verify that the signal transmitted is acceptable for qualification purposes.