

Adtran TA5000 RPOTS Streaker Card ST-T5K-RPOTS Practice

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2 APPLICATION

The ST-T5K-RPOTS is utilized by installers to quickly and easily verify wiring from the backplane of the Adtran TA5000 to the wiring termination points at the Main Distribution Frame (MDF). Easy access via the Streaker Card eliminates slower methods of testing. The "streaker" test determines whether or not the Adtran 5000 service slots are properly connected through the interconnect wiring.

The ST-T5K-RPOTS is powered by a 9v battery and does not require a powered backplane.

1 GENERAL

This practice describes the ST-T5K-RPOTS Streaker Card for use with a Adtran TA5000 Shelf equipped with 50 Pin Access Modules. The ST-T5K-RPOTS is used during installations to quickly "streak", verify wiring continuity, from the backplane of the Adtran TA5000 (1187410L1, 1187410G1, 1187411L1, 1187411G1) to the Frame. The streaker card has 48 LED's that correspond to the interface wiring of the equipment. The ST-T5K-RPOTS has an LED test button, a pin jack for connection to the Frame Ground, a 9 volt battery to power the LED's and jacks for (optional) Talk Sets.

For complete information - See Page 2 - Physical Description.

3 PROCEDURE

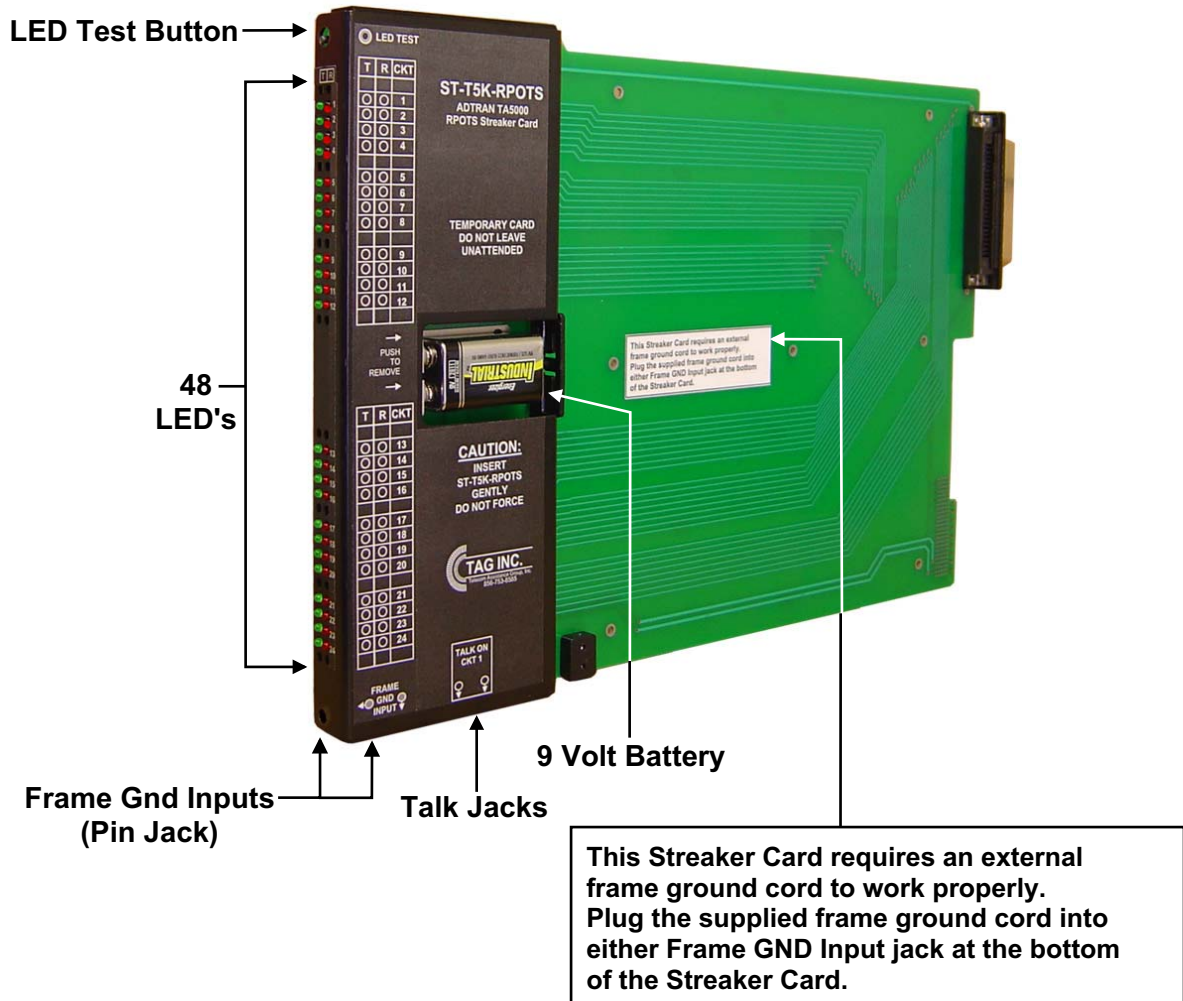
The test procedure typically requires two (2) people for ease of testing. Tester 1 plugs the ST-T5K-RPOTS into the Adtran TA5000 and ground the streaker using the supplied ground cord (400409).

Tester 2 grounds the corresponding wire termination points. Tester 1 observes the illuminated LED's to verify the wiring.

See Page 3 for Step-by-Step Test Procedure.

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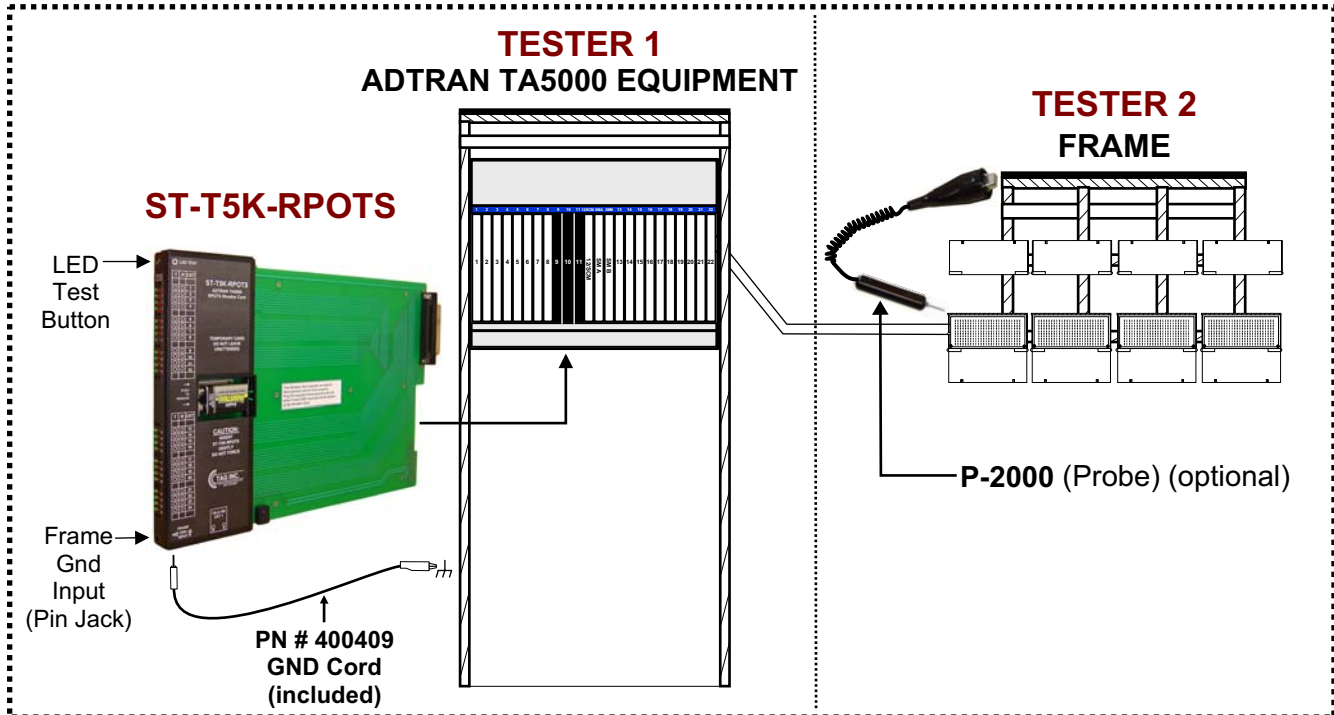
4 Physical Description



The ST-T5K-RPOTS is used during installations to quickly "streak", verify wiring continuity, from the backplane of the Adtran TA5000 (1187410L1, 1187410G1, 1187411L1, 1187411G1) to the Frame. At the MDF, Tester 2 will ground the connection point and the Streaker Card will light the LED associated with that connection. The wiring label on ST-T5K-RPOTS indicates 48 LED's for 24 POTS circuits. The ST-T5K-RPOTS is powered by a 9-Volt battery.

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5 Step by Step Test Procedure



TESTER 1 (Equipment)

1. Press the LED test button. Verify that all LED's illuminate. (If LED's do not illuminate, make sure the 9 volt battery is seated properly or replace it with a new battery).
2. To begin testing, select an Adtran TA5000 Slot (9, 10 & 11) & insert the ST-T5K-RPOTS. **(CAUTION: Do not force. Verify proper alignment before inserting.)**
3. Insert Pin Plug ground cord (# 400409) into either Frame Gnd Input jack at the bottom of the Streaker Card. Connect the Alligator Clip to frame ground.
4. Establish verbal communication with Tester 2 at the Frame. You are ready to begin testing at the Adtran TA5000 (observe LED's illuminating).
5. Verify that the LED's associated with the wires being probed by Tester 2 illuminate as indicated on the label of the ST-T5K-RPOTS.

TESTER 2 (Located where Wires Terminate)

1. Connect the test probe (P-2000) Alligator Clip to frame ground.
2. Use the probe end to "ground the corresponding wiring assignments".
3. The LED on the probe will illuminate to indicate a connection to the ST-T5K-RPOTS. Tester 1 can now verify that the associated LED on the ST-T5K-RPOTS is illuminated. **They will correspond when correctly wired.**