

DATA AUXILIARY SET 829-TYPE  
CHANNEL INTERFACE UNITS  
VOICEBAND PRIVATE LINE CHANNELS  
INSTALLATION AND CONNECTIONS

1. GENERAL

- 1.001 This addendum supplements Section 598-082-200.
- 1.002 It is issued to revise the line up procedure DAS 829B-LI.

2. CONNECTIONS

The following changes apply to Part 2 of the section:

- (a) 2.20 (3) (a) through (f) — revised

DAS 829B-LI

- 2.20 (3) Using a TTS-4B test set or its equivalent, measure and adjust the amplifier gain (or loss) as follows:

(a) Place the TTS-4B close to the DAS 829 and apply power. Allow the TTS-4B to warm up and stabilize, then calibrate using the instructions printed on the instruments case.

- (b) Set the controls on the TTS-4B to the following positions:

SEND FREQ AND SEND LEVEL to any positions.

SEND IMP TO 600Ω.

FUNCTION TO SEND + TALK + REC.

REC IMP TO 600Ω.

- (c) Connect a 2P4B cord from REC jack on the TTS to REC TST jack (J2) on the DAS 829.

(d) Have the person at the other end of the circuit, or at an intermediate office, apply a 1000-Hz test tone at data level to a 600 ohm point on the circuit, -29 dBm at the input to a carrier channel, -6 dBm at the output of the carrier channel, or as shown on the circuit layout record at other points:

- (e) Adjust R28 to obtain a level reading of -16 dBm on the TTS meter.

(f) Make frequency response measurements on the circuit as required.

- (g) Disconnect and remove TTS-4B and all cord connections from the DAS 829.

Example of Adjustment: The receive level at the customer interface is specified to be a -16 dBm (-3 TLP.) With a typical local channel loss, the receive input is then adjusted for 4 dB of loss by inserting an option strap at -10 dB and adjusting R28 for a reading of -16 dBm on the TTS meter.