

DATA SET 209A-L1
TRANSMITTER-RECEIVER
TEST PROCEDURES

1. GENERAL

1.001 This addendum supplements Section 592-032-500, Issue 1.

1.002 This addendum is issued to correct Test A (Start-Up Error Test) which is included in Part 6 (SUPPLEMENTARY TESTS). The following complete test procedure must be used instead of the procedure contained in Section 592-032-500.

2. CHANGES TO SECTION

2.001 On page 23, revise paragraph 6.01 as follows.

6.01 This test consists of switching on the request-to-send (CA) lead and recording any errors that occur immediately after the lead is switched on and the data set turns on the clear-to-send (CB) lead. This test is applicable only when the data set under test is optioned for switched carrier [XF (S5-3) or XH (S5-7)]. When testing a DS 209A-L1 that is installed in a point-to-point multiplexing system, perform the start-up error test using each active customer interface.

2.002 On page 23, revise paragraph 6.02 as follows.

6.02 Perform the following procedure for the start-up error test:

- (1) Connect the equipment and set the controls of the 914-type DTS as shown in Fig. 6.
- (2) On the 914-type DTS, add pins to the programmable matrix in the following positions:

- Red pins in TP1-20, SCT-15, and SCR-20

- White (diode) pin TP1-3

- Yellow (resistor) pin TP1-17

- (3) Position the 914-type DTS TEST SET MODE switch to SER (914C) or RCV SER (914B).
- (4) Position the 914-type DTS COUNTER switch to BIT ERRORS.
- (5) Position the 914-type DTS BIT RATE switch to EXT+.
- (6) Depress the data set AL switch.
- (7) Apply power to the data set and then to the 914-type DTS.
- (8) At the DTS, verify that S1 (CA) is OFF.
- (9) Reset the DTS counter by momentarily depressing the RESET switch.
- (10) Position S1 to ON.

Requirement: Zero errors are indicated by the DTS immediately after CA is switched on.

Note: Disregard any transient errors that may occur when S1 is positioned to OFF.

- (11) Repeat (10) for a total of five trials.

End of test. Restore the data set to normal operating condition.

NOTICE

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