

DATA SET 113A-TYPE TEST PROCEDURE

1. GENERAL

1.01 This section describes the test procedure to be performed at the time of installation of Data Set 113A-type (Fig. 1) or when investigating trouble conditions associated with this Data Set.

1.02 The test covered is:

A. Loop-Back Test From Data Test Center (DTC): This test checks the transmit frequencies, levels, and spacing sensitivity of the data set. A check is also made of the data set receive circuits.

1.03 Prior to performing test, verify that:

- (a) Data set 113A-type is properly connected to the transmission facility.
- (b) The overall transmission facilities meet requirements specified in the section entitled Data Systems—DATA PHONE® Service on Direct

Distance Dialing Network—Test Requirements for Subscriber, Foreign Exchange, and Remote Exchange Lines (314-205-501).

(c) Telephone portion of installation meets standard dc talk, signaling, and supervision requirements.

(d) The data terminal interface leads are functioning properly.

1.04 The test should be made at the time of installation by the nearest 904-type DTC.

2. APPARATUS

2.01 The only apparatus required for the test is a 904-type DTC.

3. PROCEDURE

A. Loop-Back Test From DTC

STEP	PROCEDURE
1	<p>Call the serving central office and request a remote test be made on Data Set 113A-type.</p> <p><i>Note:</i> A DTC may be called directly but care must be taken to assure that the customer is not billed for this call. Refer to the section entitled Crediting Charges on Test Calls (010-250-001).</p>
2	<p>The central office will inform the DTC and the DTC will call the station requesting the test.</p>
3	<p>When the DTC calls, operate the TALK key and then pick up the handset.</p> <p><i>Note:</i> The sequence of Step 3 may be reversed, ie, pick up handset and then operate the TALK key.</p>

STEP	PROCEDURE
4	The DTC will now instruct the data set attendant to go to the test mode and for how long to remain in the test mode.
5	When the f_2 mark tone is received from the DTC, first, momentarily operate the TEST key and then place the handset on hook.
6	After the prearranged time specified in Step 4, pick up the handset and then operate the TALK key. <i>Note:</i> If the sequence of Step 6 is not followed, the data set will disconnect.
7	The DTC will now convey the results of the test.
8	Note the test results and disconnect the test call by placing the handset on hook.
9	Refer to the section entitled Data Set 113A-Type—Maintenance (591-033-300) for the appropriate action to be taken in accordance with the test results.



Fig. 1—Data Set 113A-Type