

U1 CARRIER SD-1C151-01
CENTRAL OFFICE UNIT
TEST

1. GENERAL

1.01 This section describes a method of testing the U1 central office unit (J99332A1) SD-1C151-01.

1.02 The test covered is:

A. *Talking Path and Ringback Test (Derived Line)*: This test checks that the central office unit functions properly.

2. APPARATUS

2.01 Patching cord special, W2CW cord 4 feet long, modified locally. Equip one end with 471 jack and the other end with one H. H. Smith Co. (Brooklyn, N.Y.) 201 (red) and one 201 (black) tip plugs (for use in connecting 1011G handset to office switching side of unit).

3. METHOD

STEP

ACTION

VERIFICATION

A. Talking Path and Ringback Test (Derived Line)

- | | | |
|----|---|-----------------------|
| 1 | With MON key operated—
Connect 1011G handset (Fig. 1). | Subscriber line idle. |
| 2 | Operate TALK key. | Dial tone heard. |
| 3 | Operate MON key. | |
| 4 | Connect all other test apparatus (Fig. 1). | |
| 5 | At 500-type telephone set—
Lift receiver from switch hook. | |
| 6a | If LTD is attended—
Dial local test desk code for assistance tests. | |
| 7a | Talk in both directions listening for adequate volume and freedom of noise. | |

2.02 1011G handset.

2.03 700A subscriber set (remote terminal).

2.04 Patching cord special, W2CW cord, 8 feet long, modified locally. Equip one end with one H. H. Smith Co. (Brooklyn, N.Y.) 201 (red) and one 201 (black) tip plugs. Equip other end with two 136 spade lugs (for use in connecting 700A subscriber set to line side of unit).

2.05 2186A transformer, equipped with cord and plug (for connecting to 110-volt ac supply).

2.06 Patching cord special, W2CW cord, 8 feet long, modified locally. Equip both ends with four (two each) 136 spade lugs (for connecting 2186A transformer to 700A subscriber set).

2.07 500-Type telephone set.

SECTION 201-829-501

STEP	ACTION	VERIFICATION
8a	Request ringback. <i>Note:</i> Customer's instrument will also ring.	
9a	Replace receiver on switch hook.	Ringback heard.
10b	If LTD is not attended— At 500-type telephone set— Dial local ringback code.	Tone heard.
11b	Dial digit for ringback.	
12b	Place receiver on switch hook.	Ringback heard.
13	Disconnect all test apparatus.	

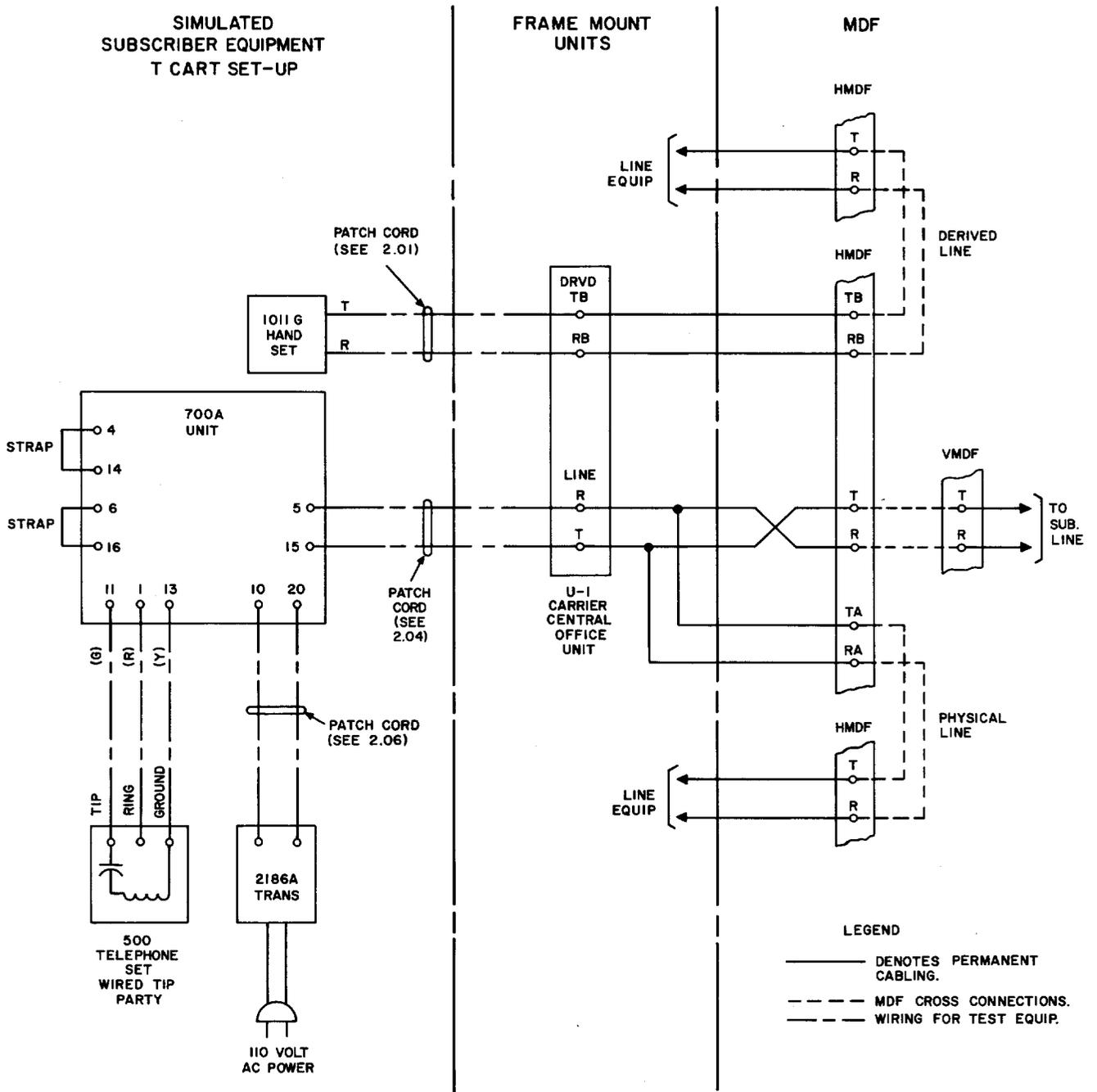


Fig. 1—Central Office U1 Carrier Test Arrangement