

DIMENSION® 2000 AND CUSTOM PBX
(CSS 201L)
X-RAY TEST 07
(Electronic Telephone Controller)

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1. GENERAL INFORMATION

1.1 Description

- 1.11 This section describes the procedures to be followed to execute X-Ray Test 07.
- 1.12 X-Ray Test 07 runs the complete Electronic Telephone Controller (ETC) x-ray. This test takes approximately one minute per controller to perform.

1.2 Test Description

- 1.21 X-Ray Test 07 executes the PWR-DIU subroutine which performs the following tests:
 - a) 5 second data channel integrity check
 - b) ETC memory test
 - c) ETC processor test
 - d) Station Set lamp driver test
 - e) Manual Station Set test

PRIVATE

THE INFORMATION CONTAINED HEREIN SHOULD NOT BE DISCLOSED TO UNAUTHORIZED PERSONS. IT IS MEANT SOLELY FOR USE BY AUTHORIZED BELL SYSTEM EMPLOYEES.

- 1.23 In order to execute X-Ray Test 07, a data link must be established between the LC34 and LC60 Circuit Pack. See Section 250.09 for cross connect information.
- 1.24 Electronic Key Telephone sets may also be tested during this X-Ray Test; however, it is best to test the stations during X-Ray Test 10.
- 1.25 A maximum of 8 ETC's may be checked simultaneously by this x-ray test.

2. RECORDS

- 2.1 Form SD-97-1313 is required for recording the results of this test.

3. TEST EQUIPMENT

- 3.1 Test Sets - See Section 400 of Handbook 281.

4. TEST PROCEDURES

4.1 Preliminary

- 4.11 Prior to executing X-Ray Test 07, X-Ray Test 46 should have passed.

4.2 Test Execution

- 4.21 To execute X-Ray Test 07, at the MAAP momentarily operate the Execute, 0, 7 keys.
- 4.22 After the X-Ray Test 07 has passed, at the MAAP momentarily operate DISPLAY, 0 keys. Verify that the displayed ETC count (Format F20) agrees with the actual hardware count.

4.3 Test Pass Indication

- 4.31 The spare MAAP LED lighting (or the Alarm Panel - PASS) and the correct number of ETC's displayed indicates that X-Ray Test 07 passed.

- 4.4 This completes the x-ray testing per X-Ray Test 07.

5. MINIMUM CIRCUIT PACK REQUIREMENTS

- 5.1 The system should be equipped per the COD's for this test.

- 5.11 The minimum complement of circuit packs required to execute X-Ray Test for one is as follows:

5.11 (Cont'd).

<u>QTY</u>	<u>TYPE</u>
1	LC34B Dual Speed Serial Data Channel (set for low speed data)
1	LC55 ETC - Steering Circuit
1	LC56 ETC - Transmit Receiver (Station ETC)
1	LC57B ETC - Memory I/O
1	LC58 ETC - Station Activity Buffer
1	LC59 ETC - Fault Control
1	LC60 ETC - Data Interface

Reason for Issue:

New Section

Manager, Denver PBX PECC