

401E-TYPE DATA SET
TRANSMITTER
TEST PROCEDURE
MODIFIED FOR USE WITH REMOTE SERVICE OBSERVING
90061 AND 90062

1. GENERAL

- 1.01 This section describes local test procedures for the 401E-type data set.
- 1.02 This test is made at the time of installation and as a means of clearing routine trouble.

2. EQUIPMENT REQUIRED

- Local Test
901A or 901B Data Test Set
- 1011-Type Handset
- KS-14510, List 1 Volt-Ohmmeter or equivalent

3. TEST PROCEDURE

3.01 *Local Test:*

1. When using the 901A data test set, rotate SELECTOR switch to 401A, C, E position. When using the 901B data test set, rotate SELECTOR switch to 6. On either data test set, A TEST and B TEST switches to OFF; the UNATT-ATT switch may be set to either position.
2. Connect the cord of the 901A or 901B data test set to the interface connector of the data set.
3. Set is on permanent Quiet Line.
4. Connect a 1011-type handset to tip and ring of the data line. Use pchgs A13 and A23 on Cordso unit terminal strip or pchgs 12 and 22 on LDSO unit terminal strip.

5. Set is in permanent data mode.

6. Rotate the A TEST switch of the data test set to position 1. A 600-cycle tone should be heard in the 1011 handset receiver.

7. Move the 1011 handset to terminal C and D of the data test set. Operate the switch to TALK. The same tone should be heard at a higher level.



The 1011 handset must not be held close to the ear because of the high level of oscillator tone.

8. Rotate the A TEST switch through positions 2 to 14. Table A shows the frequency that should be tested at each position of the A TEST switch.

9. Disconnect test apparatus.

TABLE A
TEST FREQUENCIES

A TEST SWITCH POSITION	FREQUENCY
	CPS
1	600
2	697
3	770
4	852
5	941
6	1098
7	1209
8	1336
9	1477
10	1633
11	1950
12	2050
13	2150
14	2250