

**P1 CARRIER TELEPHONE SYSTEM**  
**ADJUSTMENTS AND MAINTENANCE**  
**REMOTE TERMINAL TESTS — TRANSMITTING**

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CARRIER POWER**

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**1.00 INTRODUCTION**

**1.01** This section specifies adjustments and tests required to prepare the transmitting portion of a remote terminal for service. It also specifies tests required to locate trouble which has been isolated to this portion of a terminal by the trouble locating procedures summarized in Section 363-101-509.

**1.02** To adjust a terminal, perform each adjustment in the order listed.

**1.03** To locate a trouble in the transmitting portion of a remote terminal, perform all the steps in the order given. When requirements cannot be met, follow the procedure specified in Section 363-101-509.

**1.04** All test points marked with a yellow dot are ground points. Binding post numbers shown in parentheses are located on the 386A apparatus case terminal block.

**1.05** Preparations made for each test or adjustment will remain in effect until the end of the section (Transmitting) unless otherwise specified.

**2.00 ADJUSTMENT B — TRANSMITTED  
CARRIER POWER**

**2.01** On test set, turn REC switch to DET 600Ω position.

**2.02** Turn DET SENS-db switch to +10 position.

**2.03** Connect receive cord from REC jack on test set to CARR test point on board A; red to CARR (14), black to yellow dot (22).

**2.04** On board B, adjust potentiometer marked CARR to obtain a reading of -4 on DECIBEL meter. If reading cannot be obtained, refer to Section 363-101-509.

**2.05** Place W1Y cord (shorting strap) across MOD test points on board B.

**2.06** Turn DET SENS-db switch to -10 position.

**2.07** DECIBEL meter should read any position to left of -4. If requirement cannot be met, replace board B and repeat Adjustment B.

**3.00 ADJUSTMENT C — COMPRESSOR**

**3.01** On test set, turn SEND switch to AUDIO position.

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- 3.02** Turn AUDIO OSC FREQ switch to 1000~ position. left (7), white to right (8), and sleeve to yellow dot.
- 3.03** Turn DET SENS-db switch to 0 position. **3.10** Connect receive cord from REC jack on test set to CARR test point on board A; red to CARR (14), black to yellow dot (22).
- 3.04** Operate and hold CAL OSC key. **3.11** On Board E, turn COMP potentiometer to obtain reading of -3.5 on DECIBEL meter. If reading cannot be obtained, refer to Section 363-101-509.
- 3.05** Turn AUDIO OSC OUTPUT knob to obtain a reading of 0 on DECIBEL meter. **3.12** Remove send and receive cords from terminal.
- 3.06** Release CAL OSC key. **3.13** Remove W1Y cord from MOD test points on board B.
- 3.07** Turn ATTENUATOR switches to 0 positions. **Note:** If no further adjustments or tests are to be made, refer to Section 363-101-507.
- 3.08** Remove 600-ohm resistor from VF test points on board A (7 and 8).
- 3.09** Connect send cord from SEND jack on test set to VF test points on board A; black to